Exhibit 20 thru 25

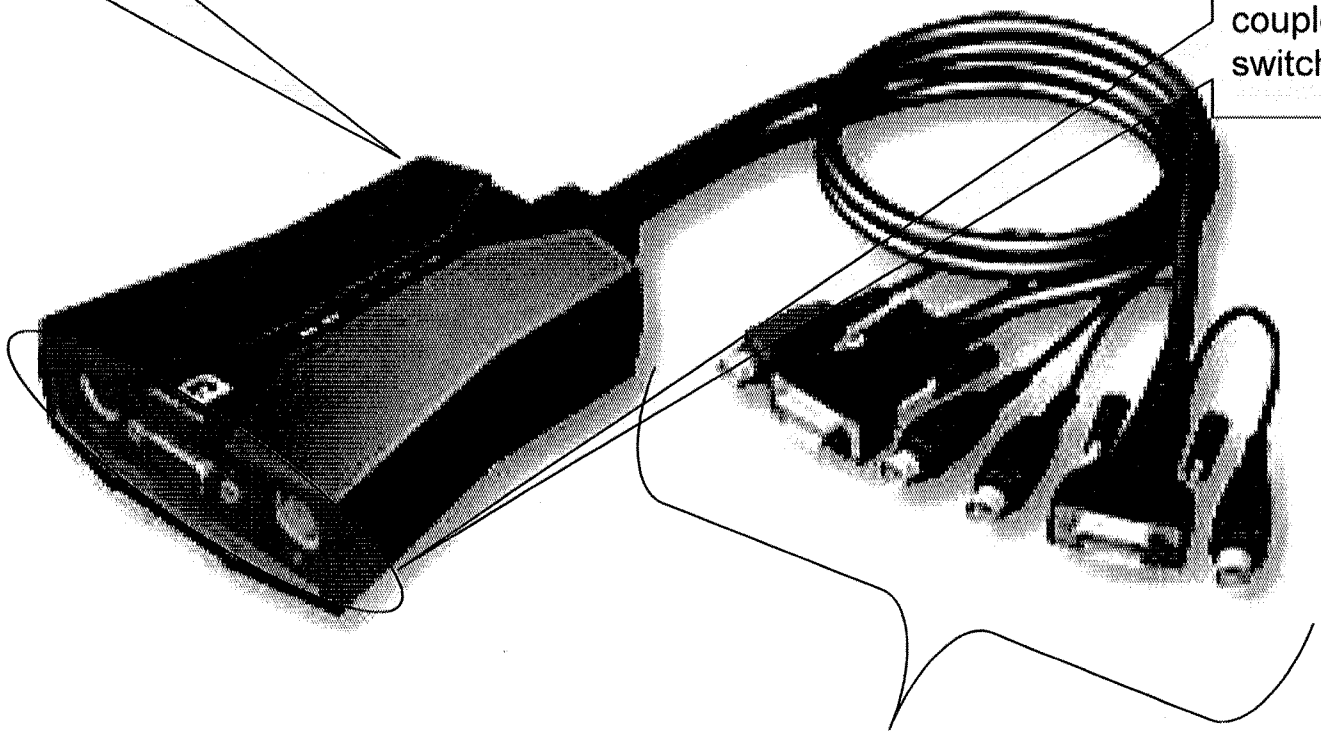
EXHIBIT 20

EXHIBIT 20-1

JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 1

A switch comprising
a body;
a switching circuit
contained within the
body;

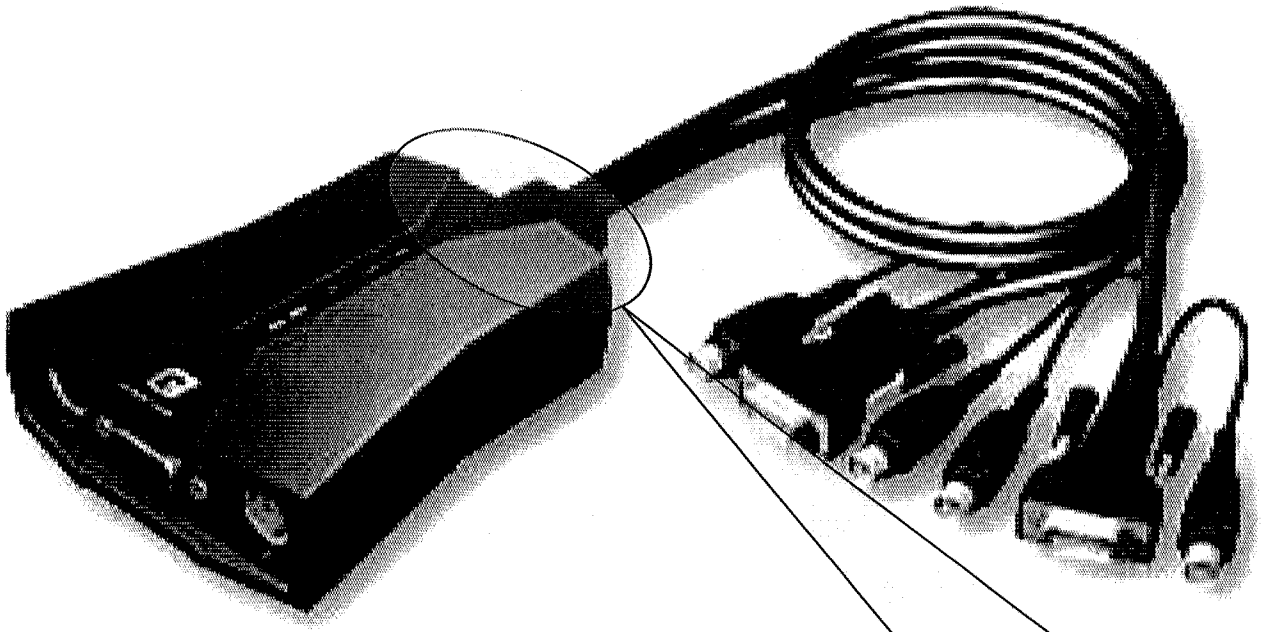
a set of connector
ports electrically
coupled to the
switching circuit



a plurality of cables fixedly attached to and extending from the body, each cable in the plurality of cables having a plurality of connector plugs, wherein each connector plug in the plurality of connector plugs for one of the cables in the plurality of cables are matched a respective connector plug in another one of the cables in the plurality of cables, and wherein the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables.

EXHIBIT 20-2

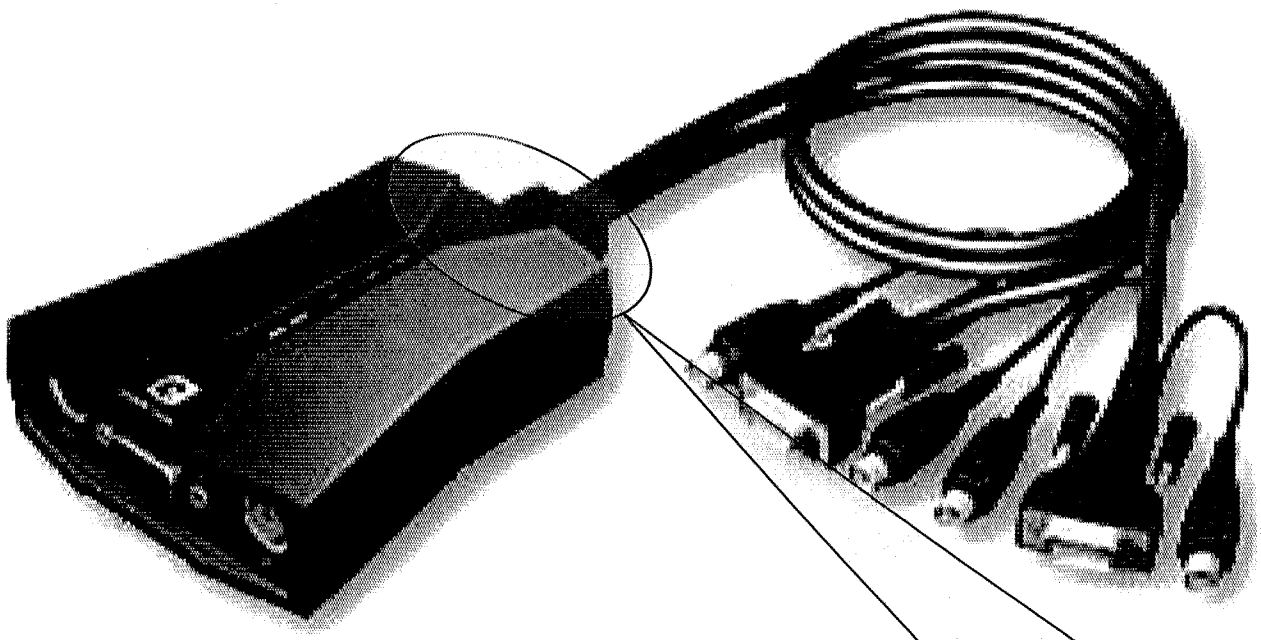
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 12



The switch of claim 1, wherein the plurality of cables are fixedly attached to the body through a molded attachment element.

EXHIBIT 20-3

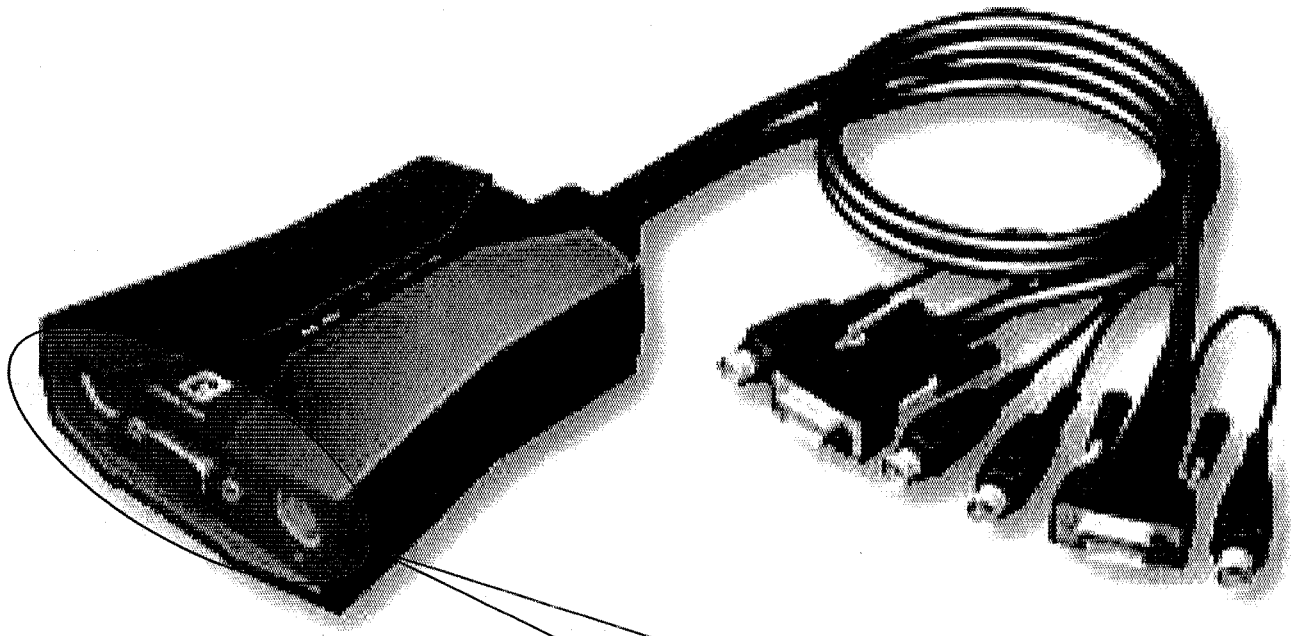
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 13



The switch of claim 1, wherein a first end of each of the plurality of cables is integrated into the body.

EXHIBIT 20-4

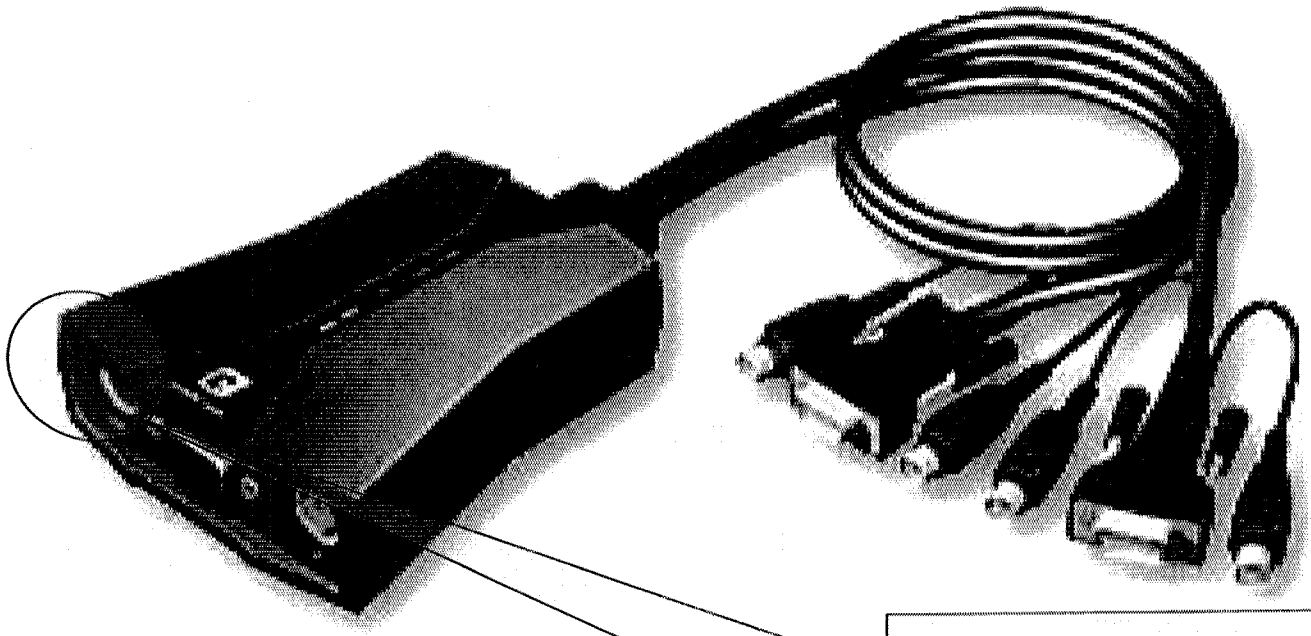
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 14



The switch of claim 1, wherein the set of connector ports contains a peripheral port to connect a computer peripheral

EXHIBIT 20-5

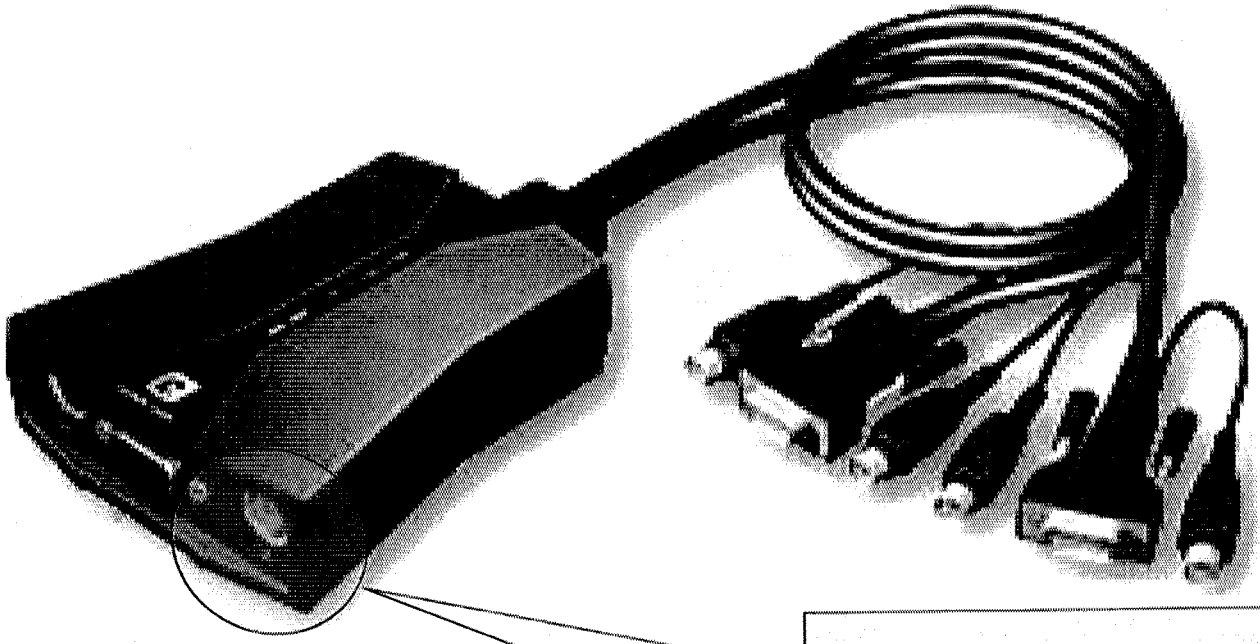
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 15



The switch of claim 1, wherein the set of connector ports contains a keyboard port to connect a keyboard.

EXHIBIT 20-6

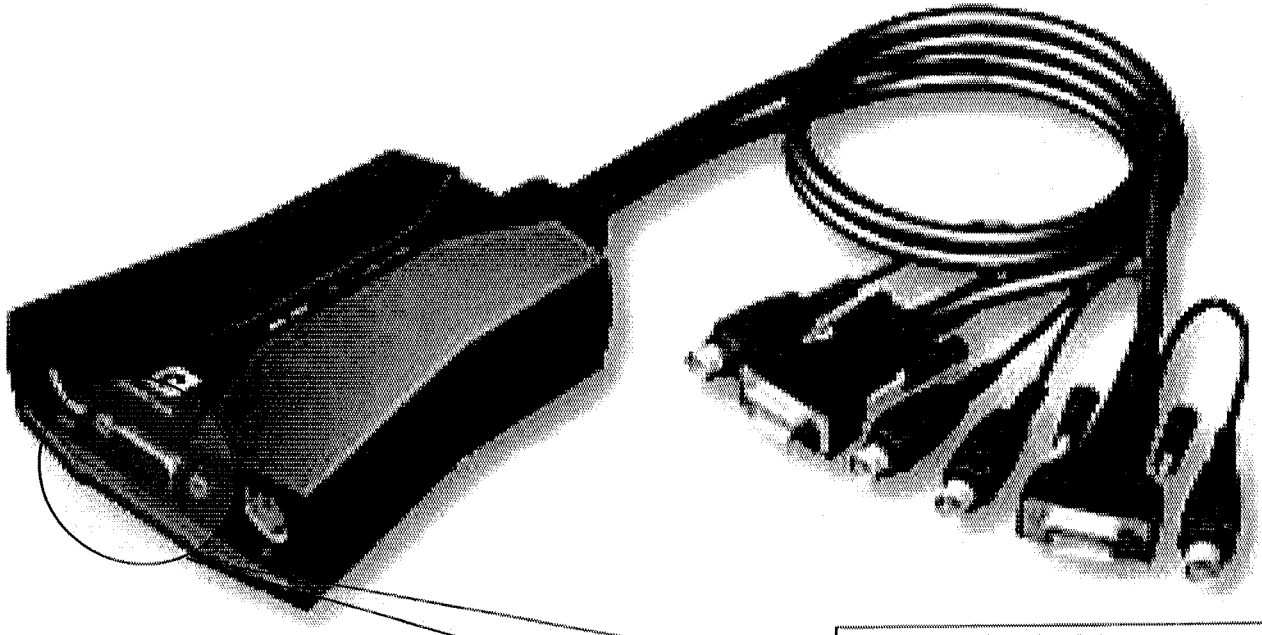
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 16



The switch of claim 1, wherein the set of connector ports contains a mouse port to connect a mouse.

EXHIBIT 20-7

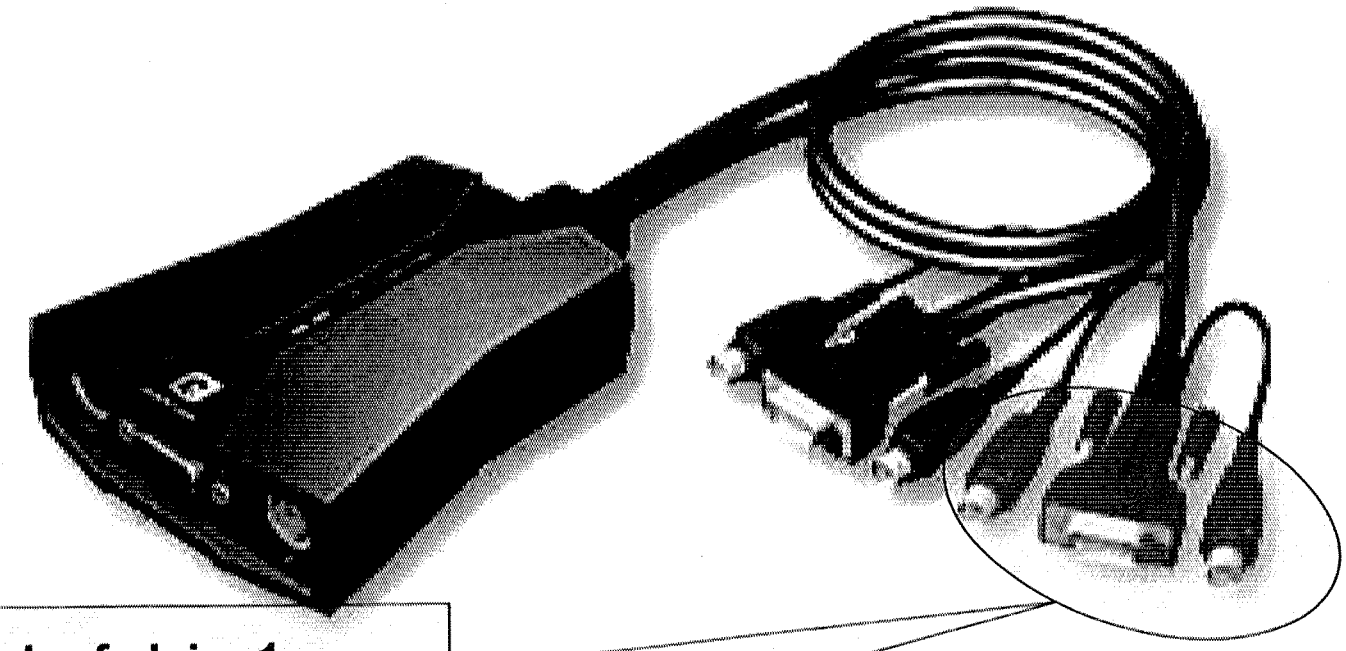
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 17



The switch of claim 1, wherein set of connector ports contains a video port to connect a display.

EXHIBIT 20-8

JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 18



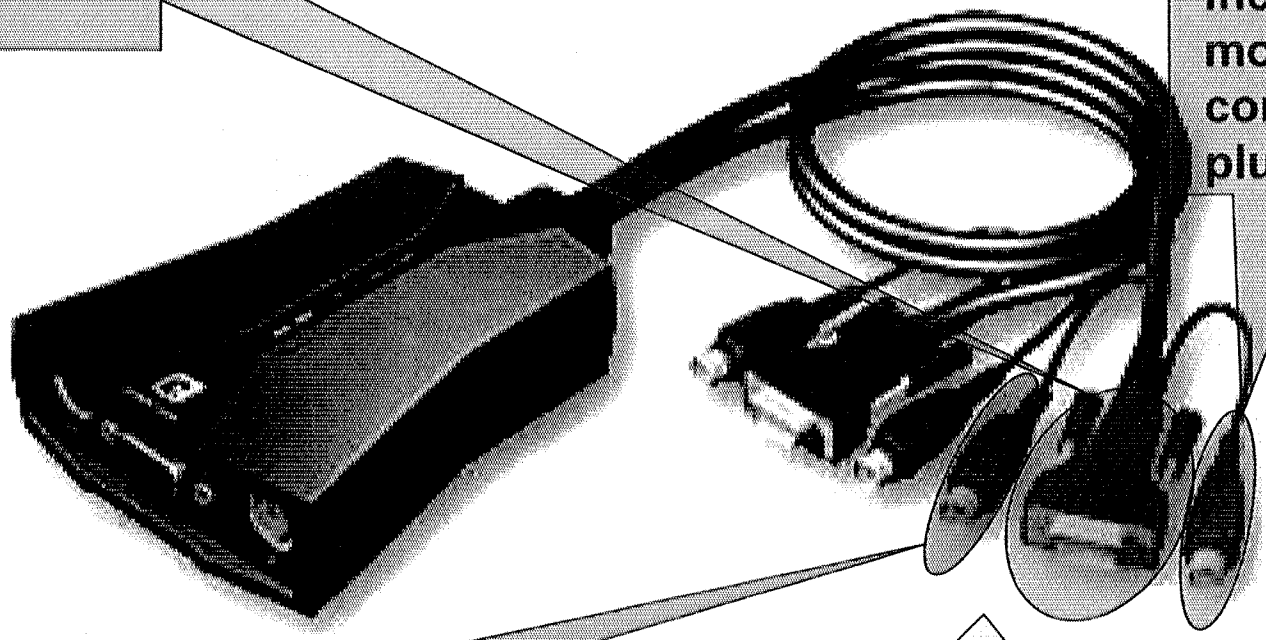
The switch of claim 1, wherein the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first computer.

EXHIBIT 20-9

JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 19

a video cable including a display connector plug.

a mouse cable including a mouse connector plug; and,

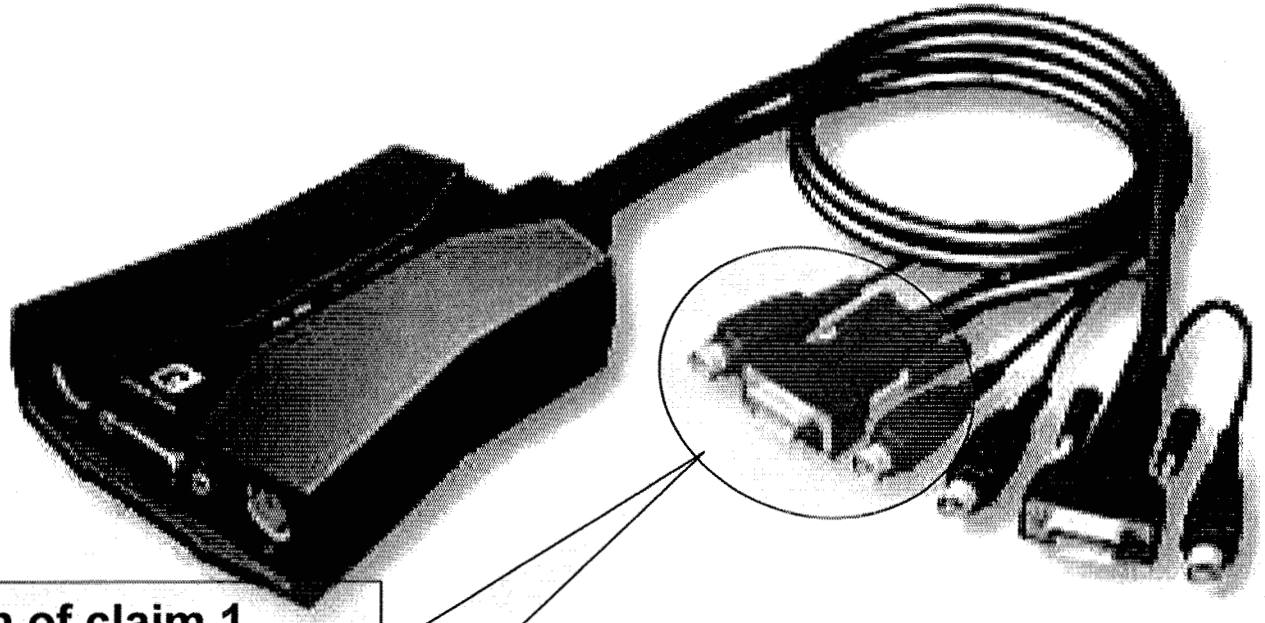


a keyboard cable including a keyboard connector plug

The switch of claim 18, wherein the first set of computer cables comprises:

EXHIBIT 20-10

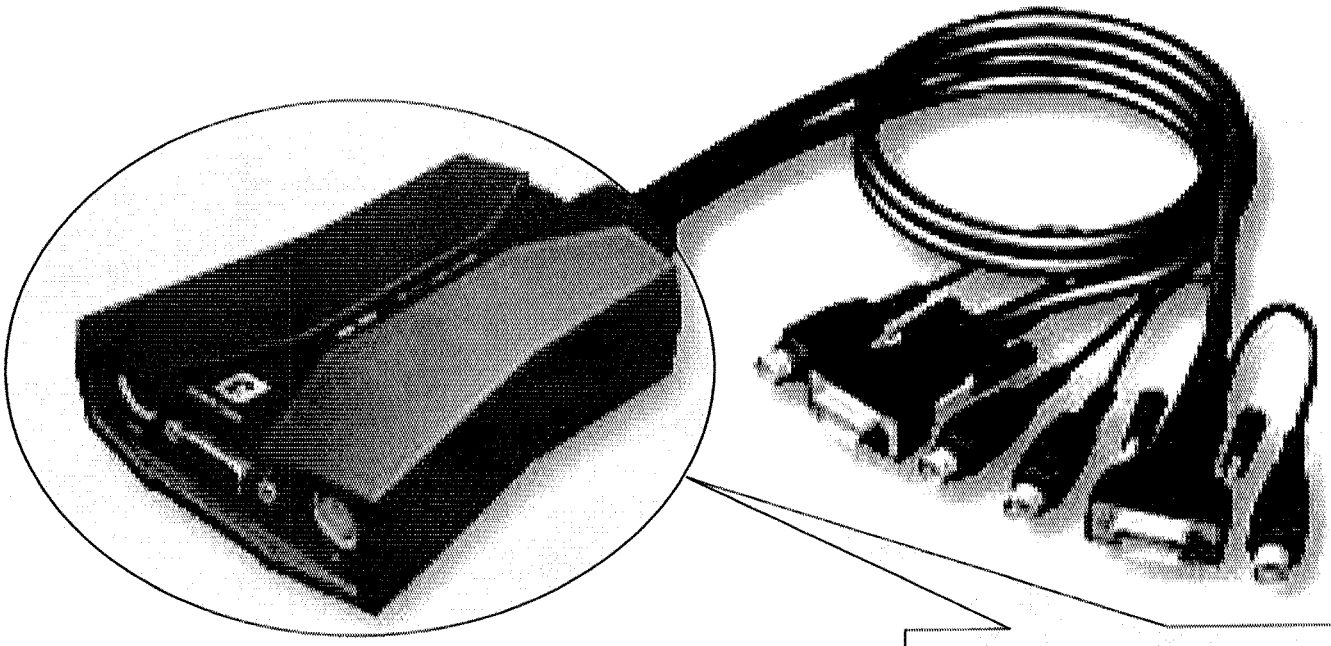
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 20



The switch of claim 1, wherein the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer.

EXHIBIT 20-11a

JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 21



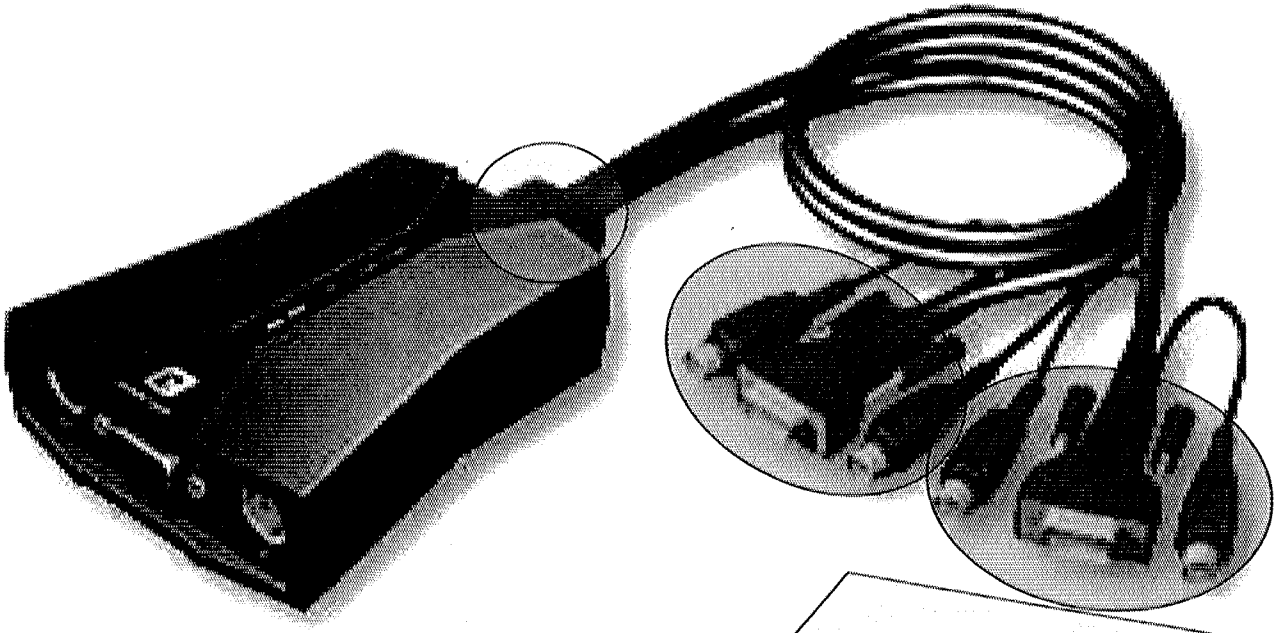
A method comprising the steps of:

providing a body;

enclosing a switching circuit within the body

EXHIBIT 20-11b

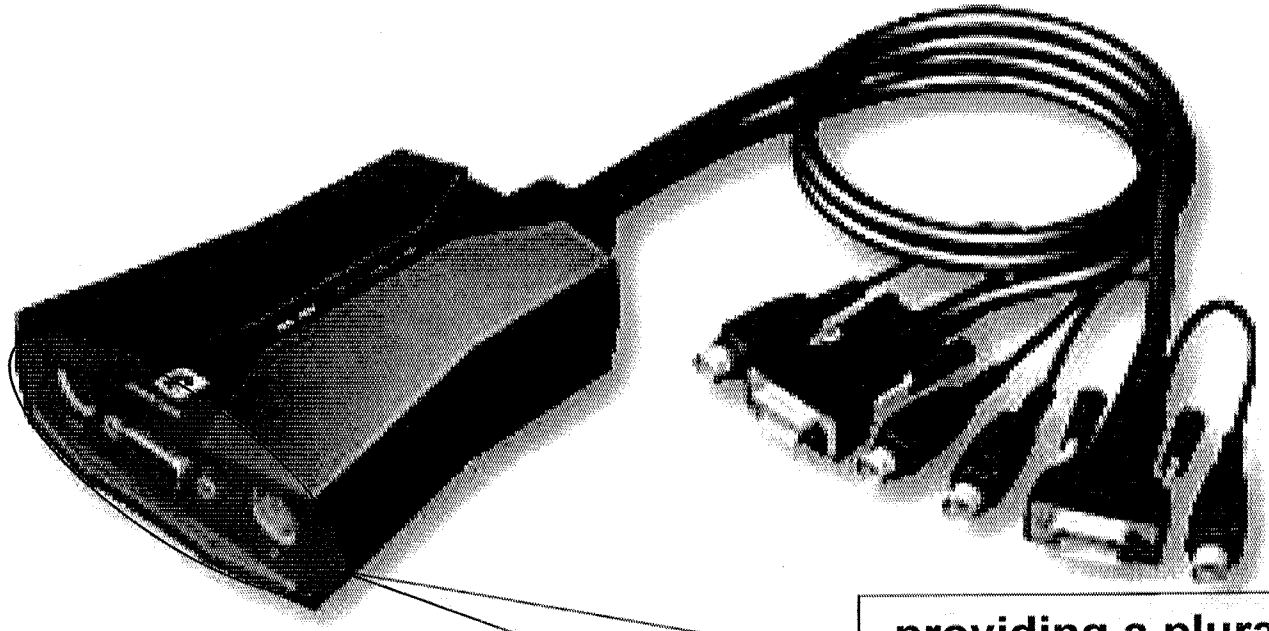
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 21



integrating a first computer cable and a second computer cable into the body, each of the first computer cable and the second computer cable including a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs, each connector plug in the plurality of connector plugs in the first computer cable being matched to a corresponding one of the plurality of connector plugs in the second computer cable

EXHIBIT 20-11c

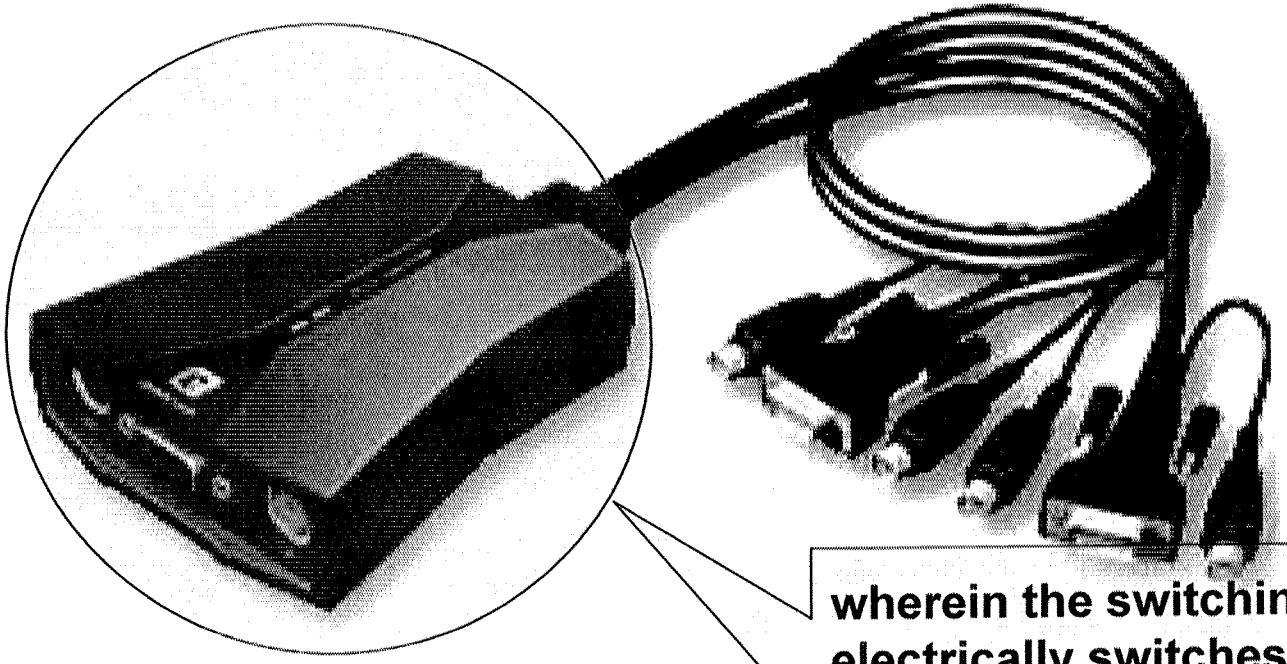
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 21



providing a plurality of connector ports on a surface of the body, the plurality of connector ports electrically coupled to the switching circuit

EXHIBIT 20-11d

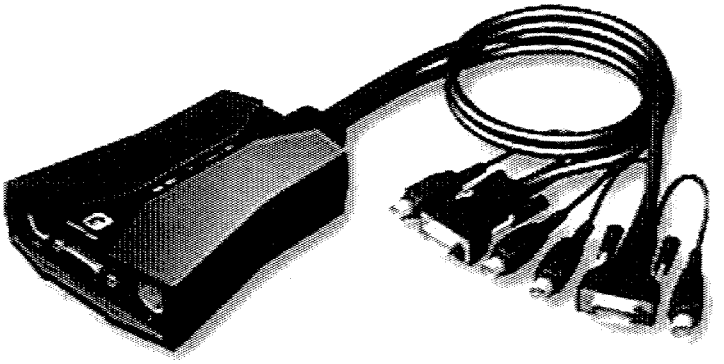
JUSTCOM MODEL JC-102CP
'112 PATENT CLAIM 21



wherein the switching circuit electrically switches the plurality of connector ports between the plurality of connector plugs of the first computer cable and the second computer cable

EXHIBIT 21

CLAIM CHART SHOWING THAT
CLAIMS 1 AND 12-21 OF '112 PATENT READ ON JUSTCOM's JC-102CP PRODUCT

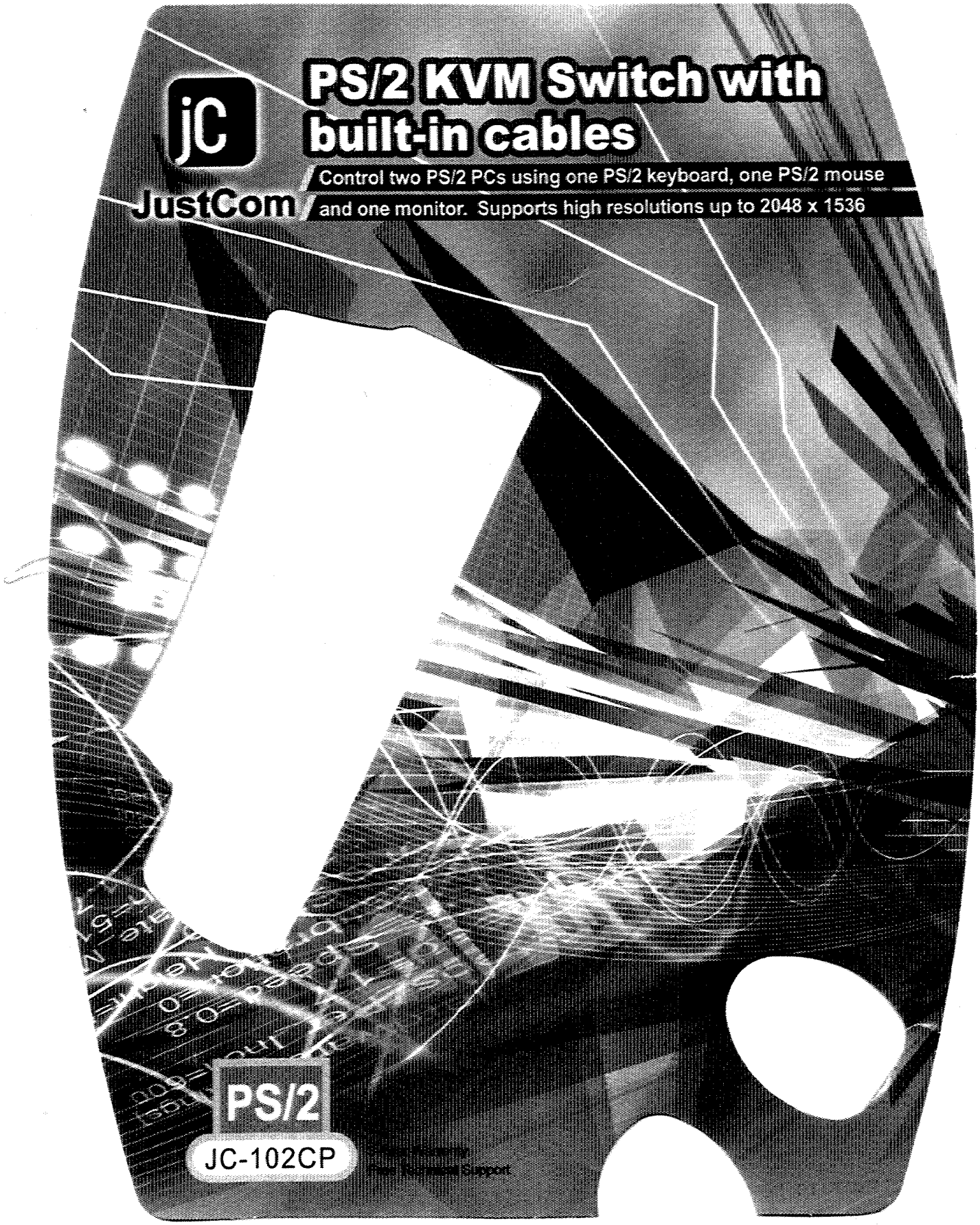
Claim Elements	Exemplary Product Features
1. A switch comprising;	The JustCom Model JC-102CP is a two-port KVM switch. 
a body;	The JustCom Model JC-102CP all-in-one two-port KVM switch has a switch body. *See* Exhibit 20-1.
a switching circuit contained within the body;	The JustCom Model JC-102CP all-in-one two-port KVM switch has a switching circuit contained within the body.
a set of connector ports electrically coupled to the switching circuit; and,	The JustCom Model JC-102CP all-in-one two-port KVM switch has a set of connector ports electrically coupled to the switching circuit. *See* Exhibit 20-1.
a plurality of cables fixedly attached to and extending from the body, each cable in the plurality of cables having a plurality of connector plugs, wherein each connector plug in the plurality of connector plugs for one of the cables in the	The JustCom Model JC-102CP all-in-one two-port KVM switch has a plurality of cables fixedly attached to and extending from the body. *See* Exhibit 20-1. In the JustCom Model JC-102CP all-in-one two-port KVM switch, each cable in the plurality of cables has a plurality of connector plugs, where each connector plug in the plurality of connector plugs for one of the cables in the plurality of cables are matched to a respective connector plug in another one of the cables in the

plurality of cables are matched a respective connector plug in another one of the cables in the plurality of cables, and wherein the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables.	plurality of cables. *See* Exhibit 20-1. In the JustCom Model JC-102CP all-in-one two-port KVM switch, the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables. *See* Exhibit 20-1.
12. The switch of claim 1, wherein the plurality of cables are fixedly attached to the body through a molded attachment element.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the plurality of cables are fixedly attached to the body through a molded attachment element. *See* Exhibit 20-2.
13. The switch of claim 1, wherein a first end of each of the plurality of cables is integrated into the body.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, a first end of each of the plurality of cables is integrated into the body. *See* Exhibit 20-3.
14. The switch of claim 1, wherein the set of connector ports contains a peripheral port to connect a computer peripheral	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the set of connector ports contains a peripheral port to connect a computer peripheral such as a keyboard, mouse or video monitor. *See* Exhibit 20-4.
15. The switch of claim 1, wherein the set of connector ports contains a keyboard port to connect a keyboard.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the set of connector ports contains a keyboard port to connect a keyboard. *See* Exhibit 20-5.
16. The switch of claim 1, wherein the set of connector ports contains a mouse port to connect a mouse.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the set of connector ports contains a mouse port to connect a mouse. *See* Exhibit 20-6.
17. The switch of claim 1, wherein the set of connector ports contains a video port to connect a display.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the set of connector ports contains a video port to connect a display. *See* Exhibit 20-7.
18. The switch of claim 1, wherein the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first computer. *See* Exhibit 20-8.

computer.	
19. The switch of claim 18, wherein the first set of computer cables comprises: a keyboard cable including a keyboard connector plug; a mouse cable including a mouse connector plug; and, a video cable including a display connector plug.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, has a first set of cables comprising a keyboard cable including a keyboard connector plug, a mouse cable including a mouse connector plug, and a video cable including a display connector plug. *See* Exhibit 20-9.
20. The switch of claim 1, wherein the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer. *See* Exhibit 20-10.
21. A method comprising the steps of: providing a body;	The JustCom Model JC-102CP all-in-one two-port KVM switch provides a body. *See* Exhibit 20-11a.
enclosing a switching circuit within the body;	The JustCom Model JC-102CP all-in-one two-port KVM switch encloses a switching circuit within the body. *See* Exhibit 20-11a.
integrating a first computer cable and a second computer cable into the body, each of the first computer cable and the second computer cable including a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs, each connector plug in the plurality of connector plugs in the first computer cable being matched to a corresponding one of the plurality of connector	The JustCom Model JC-102CP all-in-one two-port KVM switch integrates a first computer cable and a second computer cable into the body. In the JustCom Model JC-102CP all-in-one two-port KVM switch, the first computer cable and the second computer cable include a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs. In the JustCom Model JC-102CP all-in-one two-port KVM switch, each connector plug in the plurality of connector plugs in the first computer cable is matched to a corresponding one of the plurality of connector plugs in the second computer cable. *See* Exhibit 20-11b.

plugs in the second computer cable; and,	
providing a plurality of connector ports on a surface of the body, the plurality of connector ports electrically coupled to the switching circuit;	The JustCom Model JC-102CP all-in-one two-port KVM switch provides a plurality of connector ports on a surface of the body, the plurality of connector ports are electrically coupled to the switching circuit. *See* Exhibit 20-11c.
wherein the switching circuit electrically switches the plurality of connector ports between the plurality of connector plugs of the first computer cable and the second computer cable.	In the JustCom Model JC-102CP all-in-one two-port KVM switch, the switching circuit electrically switches the plurality of connector ports between the plurality of connector plugs of the first computer cable and the second computer cable. *See* Exhibit 20-11d.

EXHIBIT 22


jC
JustCom
PS/2 KVM Switch with built-in cables
Control two PS/2 PCs using one PS/2 keyboard, one PS/2 mouse and one monitor. Supports high resolutions up to 2048 x 1536
PS/2
JC-102CP

JustCom

PS/2 KVM Switch with built-in cables

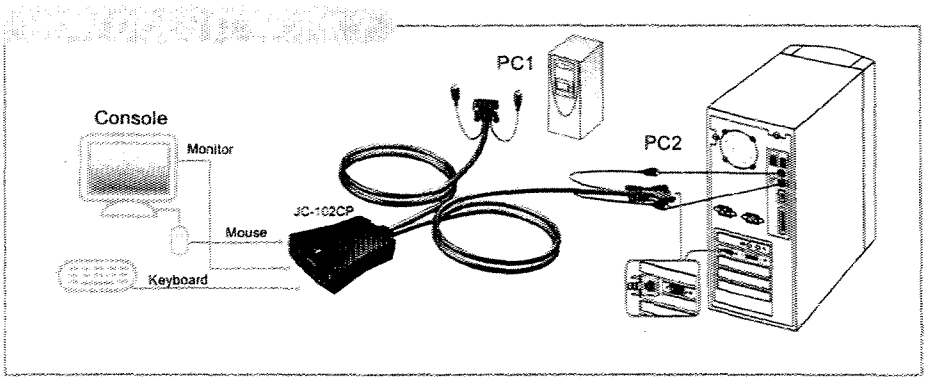
PS/2

JC-102CP

Control two PCs using one PS/2 keyboard, one PS/2 mouse and one monitor. Support high resolutions of up to 2048 x1536

The all-new compact 2-port KVM allows you to control two PCs using one PS/2 keyboard, one PS/2 mouse, and one monitor. The self-powered KVM switch offers standard features such as mouse & keyboard emulation, auto-scan, and superior video quality (2048 x 1536).

Using simple Hot-Key commands, you can easily and quickly switch between your computers. JustCom's custom built-in KVM cables make for a fast and hassle-free set up. There is no software to configure, simply plug the cables into your computers and you have the ultimate KVM solution!



Features

- Control two computers with one keyboard, monitor, and mouse
- Built-in cables (6 feet) for a hassle-free set up
- Supports Microsoft Intellimouse, Logitech FirstMouse+, MouseMan+, and others
- Convenient Hot Keys for fast PC switching
- PS/2 mouse & keyboard emulation for error-free booting
- Hot pluggable - add or remove computers without powering off the KVM switch
- Requires no additional power supply
- Plug-n-Play monitor support
- AutoScan mode for monitoring computers
- Easy to install - No software required
- LED display for easy status monitoring
- Superior video resolution - up to 2048 x 1536 ;DDC,DDC2,DDC2B

M/E:3061100180

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2253 Fortune Dr. San Jose, CA. 95131
TEL. 408-382-9998 FAX.408-382-9882
Email: sales@justcomtech.com
URL: www.justcomtech.com

EXHIBIT 23

JustCom Products	Buyer	Date of Purchase	Price	Place of Purchase
JC102CP	Jason A. Englund	2006-10-27	16.99	NewEgg.com NewEgg, Inc. 16839 E Gale Ave. City of Industry, CA 91745

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Exp. Date: 01/2008

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Your order is at step 1 of 5: being verified and processed at sales and accounting.

Qty.	Product Description	Unit Price	Total Price
2	KVM|JUSTCOM 2P JC-102CP RTL - Retail Item #: N82E16817107057 **Return Policy:** Standard Return Policy	**$16.99**	**$33.98**
		Subtotal:	**$33.98**
		Tax:	**$2.46**
		Shipping:	**$27.06**
		Grand Total:	**$63.50**

Return Policy Text

1. Manufacturer Warranty
   a. Summary
      i.
         - Return for refund within: non-refundable
         - Return for replacement within: non-replaceable
   b. Detail
      i. Newegg.com does not offer any express warranties. However, many of the products available through Newegg.com are covered by Manufacturers' Warranties. If a product is covered by a manufacturer's warranty, it will be stated on that product's

web page. Manufacturers' warranty details are typically available at the manufacturer's website; click here to see a list of the manufacturers whose items we carry. Manufacturers' warranties can also be obtained for free by contacting our Customer Service department. Please note that products in this category are **non-refundable** unless otherwise indicated.

Products that state "*This item can be returned to the product manufacturer only*" must be returned directly to the product manufacturer for repair or replacement, unless otherwise required by law. For these items, the warranty policy provided by the product manufacturer explicitly requires that any returns, repairs etc. be requested and processed directly by the consumer (or "end-user") of the item.

2. Standard Return Policy
   a. Summary
      i.
         - Return for refund within: 30 days
         - Return for replacement within: 1 year
   b. Detail
      i. This is our Detailed Standard Return Policy. Unless another return policy is indicated, products sold by Newegg.com are covered by this Standard Return Policy.
      Merchandise under this Standard Return Policy may be returned a) within 30 days of the original invoice date for a refund, or b) within one year of the original invoice date for a replacement of the same item. All returns require an RMA (Return Merchandise Authorization) number.
      Many manufacturers offer additional factory coverage. With regard to such, you should contact the manufacturer of your item directly for information regarding eligibility and specific Terms and Conditions.

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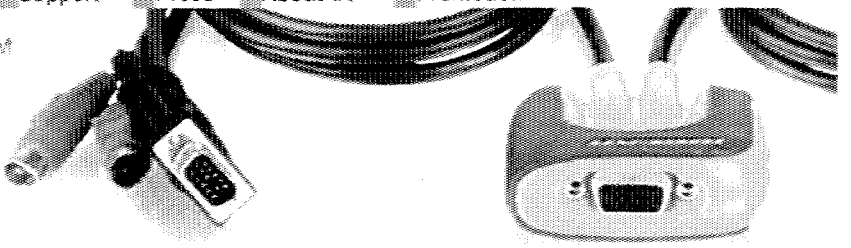
EXHIBIT 24

A nifty unobtrusive little 2-port KVM switch that makes you wonder why competing products are bigger, more complex, more expensive
Pittsburgh PA

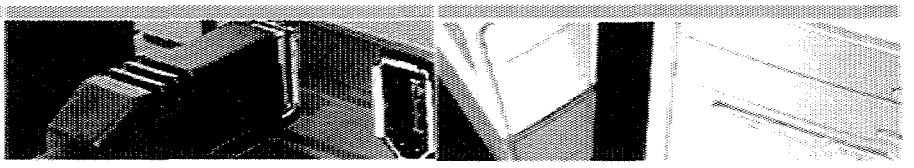


MiniView™ Micro KVM Switch w/6' cables built in (GCS62)

2-Port MiniView™ Micro KVM switch w/6' cables built in

MSRP: $39.95

Buy Now!



Product Information
- View All
- Description
- Function Diagram
- Features/Benefits
- Requirements
- Package Content
- Specifications
- Manual

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Model # GCS62

Description

Introducing the two port MiniView™ Micro KVM switch from IOGEAR - a simple solution for those with more PCs than hands. Use one keyboard, one monitor and one mouse to control two PCs or Macintosh systems.* This self-powered KVM switch features mouse & keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement® technology provides rich, 32-bit color at resolutions up to 1920 x 1440. With KVM cables (6' long) molded into the unit, all you need to do is to plug it into your computers, and you've got a complete KVM solution from IOGEAR. * Macintosh support requires IOGEAR's Mac Adapter.

Features

- The smallest 2-port PS/2 KVM switch available
- Use one keyboard, monitor and mouse to control two computers
- 6' long molded-in cables to simplify setup
- Microsoft Intellimouse, Logitech FirstMouse+, MouseMan+, and most PS/2 mice are supported
- Port selection through convenient Hot Keys
- PS/2 mouse emulation for error-free boot-up
- Save space and reduce desktop clutter
- Plug-n-Play monitor support
- Support video resolutions up to 1920 x 1440
- No software required
- Built in AutoScan mode
- LEDs allow for easy status monitoring
- 3 Year Limited Warranty

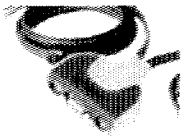
RoHS Compliant

Function Diagram

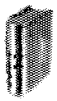
OFFLINE
Leave Message

Related Products

MiniView™ Compact KVM Kit w/Cables



MiniView™ Micro Audio KVM Switch



MiniView™ SE KVM Switch Kit w/Cables

FUNCTIONS

Control 2 PS/2 computers from a single PS/2 keyboard, monitor and PS/2 mouse

Q

Requirements

- Computers with PS/2 mouse connections, PS/2 keyboard connections, and HDDB15 VGA connection.

Package Content

- 1 Miniview Micro 2-port KVM
- 1 User manual
- 1 Quick start guide
- 1 Warranty registration card

Specifications

Function	GCS62
Video Resolution	1920x1440; DDC, DDC2, DDC2B
Cable Length	6 in. (0.5 ft./0.15 m.)
Scan Interval	5 seconds
Port Selection	Hot Keys
CPU Connectors	
Keyboard	2x6 pin mini-DIN Female (PS/2)
Monitor	2xHDB15 Male (Std. VGA/SVGA)
Mouse	2x6 pin mini-DIN Female (PS/2)
****** Unit Dimensions**	
Height	2.25 in. (5.72 cm.)
Length	Two 6
Width	2.5 in. (6.35 cm.)
Depth	0.875 in. (2.22 cm.)
Weight	
Inner Pack Wt	3.8 Lbs
Unit Pack Wt.	1.5 lbs. (0.68 kg.)
Unit Wt.	1 lbs. (0.45 kg.)

Master Carton Wt.	16.74 Lbs
Housing	
Case	Plastic
Console Connectors	
Monitor	1xHDB15 Female (Std. VGA/SVGA)
Keyboard	1x6 pin mini-DIN Female (PS/2)
Mouse	1x6 pin mini-DIN Female (PS/2)
LEDs	
Selected	2
Emulation	
Mouse	PS/2
Keyboard	PS/2, AT (AT to PS/2 adapter required.)
Computer Connections	
Direct	2
***** Unit Package Dimensions**	
Depth	3 in. (7.62 cm.)
Height	9.75 in. (24.77 cm.)
Width	6.75 in. (17.15 cm.)
*** Master Carton**	
Width	13.75 in. (34.93 cm.)
Depth	18 in. (45.72 cm.)
* Master Carton Qty	12
Height	11 in. (27.94 cm.)
**** Inner Pack**	
Height	10.5 in. (27.94 cm.) fake
Depth	9 in. (22.86 cm.) fake
Width	13.25 in. (34.93 cm.) fake
* Inner Pack Qty.	3

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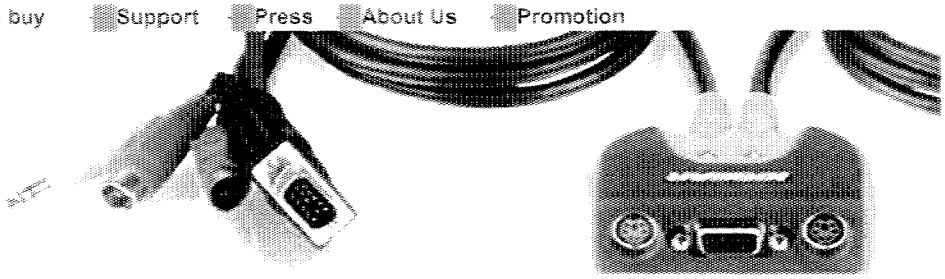

MiniView™ Micro Audio KVM Switch (GCS612A)

2-Port MiniView™ Micro Audio KVM switch w/6

MSRP: $59.95

Buy Now!

Product Information
- View All
- Description
- Function Diagram
- Features/Benefits
- Requirements
- Package Content
- Specifications
- Manual

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Model # GCS612A

Description

Introducing the two port MiniView™ Micro Audio KVM switch from IOGEAR – the simplest way to manage two PCs or Macs* from a single keyboard, monitor and mouse and share the multimedia speakers among them. This self-powered KVM switch features mouse and keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement® technology provides rich, 32-bit color at resolutions up to 2048 x 1536. With KVM cables (6' long) molded into the unit, all you need to do is to plug it into your computers, and you've got a complete KVM solution from IOGEAR. * Macintosh support requires IOGEAR's Mac Adapter.

Features

- The smallest 2-port KVM switch available with audio support
- Use one keyboard, monitor and mouse to control two computers
- Share multimedia speakers among two computers
- 6' long molded-in cables to simplify setup
- Support for Microsoft Intellimouse, Logitech FirstMouse+, MouseMan+, and most PS/2 mice
- Port selection through convenient Hot Keys
- PS/2 mouse emulation for error-free boot-up
- Saves space and reduces desktop clutter
- Plug-n-Play monitor support
- Supports video resolutions up to 2048 x 1536
- No software required
- Built in AutoScan mode
- LEDs allow for easy status monitoring
- 3 Year Limited Warranty

RoHS Compliant

Function Diagram

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Related Products

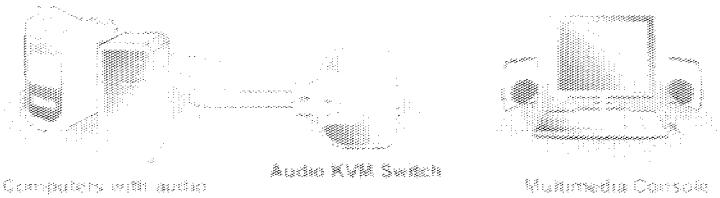
MiniView™ Compact KVM Kit w/Cables

MiniView™ Micro KVM Switch w/8 cables built in

MiniView™ SE KVM Switch Kit w/Cables

FUNCTIONS

Control 2 PS/2 computers from a single PS/2 keyboard, monitor and PS/2 mouse with audio support



Requirements

- Computers with PS/2 mouse connections, PS/2 keyboard connections, and HDDB15 VGA connection.
- To share audio, a multimedia sound card is required. Only support 2-piece, powered speakers systems.

Package Content

- 1 2-port Miniview Audio Micro KVM
- 1 User manual
- 1 Quick start guide
- 1 Warranty registration card

Specifications

Function	GCS612A
Scan Interval	5 Seconds
Video Resolution	2048 x 1536; DDC2B
Humidity	0-80% RH Non-condensing
Operating Temperature	0-50?C
Port Selection	Hot Keys
Storage Temperature	-20 - 60?C
CPU Connectors	
Mouse	2x 6 pin mini-DIN male (green)
Keyboard	2x 6 pin mini-DIN male (purple)
Monitor	2 x 6 HDB-15 male (blue)
Audio	2 x Earphone Plug (speaker)
****** Unit Dimensions**	
Width	1.93 in.(4.9 cm.)
Height	0.98 in. (2.5 cm.)
Length	4.72 in.(12.0 cm.)
Weight	

Unit Wt. w/accessories	4 Lbs
Unit Pack Wt.	1.5 lbs. (0.675 kg.)
Unit Wt.	0.9 Lbs. (0.405 kg.)
Master Carton Wt.	16.5 Lbs. (7.425 kg.)
Housing	
Case	Plastic
Console Connectors	
Monitor	1 x HDB-15 female (blue)
Audio	1x Earphone Jack (speaker)
Mouse	1 x 6 pin mini-DIN female (green)
Keyboard	1 x 6 pin mini-DIN female (purple)
LEDs	
Selected	4
Computer Connections	
Direct	2
***** Unit Package Dimensions**	
Height	9.5 in. (24.13 cm.)
Width	6.5 in. (16.51 cm.)
Depth	2.75 in. (6.99 cm.)
*** Master Carton**	
* Master Carton Qty.	Master carton of 12, with 4 inner cases containing 3 in each case
Width	13 in. (33.02 cm.)
Height	11 in. (27.94 cm.)
Depth	17.5 in. (44.45 cm.)
**** Inner Pack**	
Depth	10.25
Width	8.875
* Inner Pack Qty.	3
Height	6.985

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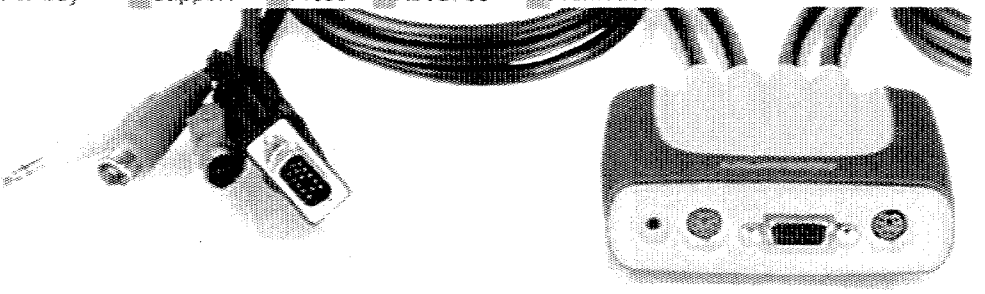
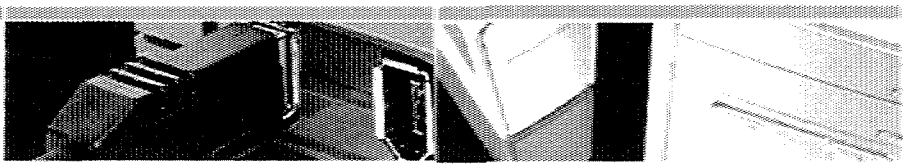


MiniView™ Micro Audio KVM Switch (GCS614A)

4-Port MiniView™ Micro Audio KVM switch w/6" long cables

MSRP: $89.95

Buy Now!



Product Information
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- Function Diagram
- Features/Benefits
- Requirements
- Package Content
- Specifications
- Manual

Print Version

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Model # GCS614A

Description

Introducing the four port MiniView™ Micro Audio KVM switch from IOGEAR - a simple solution for those with more PCs than hands. Use one keyboard, one monitor and one mouse to control four PCs or Macintosh systems*, and share the multimedia speakers among them. This self-powered KVM switch features mouse & keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement® technology provides rich, 32-bit color at resolutions up to 2048 x 1536. With KVM cables (6' long) molded into the unit, all you need to do is to plug it into your computers, and you've got a complete KVM solution from IOGEAR. * Macintosh support requires IOGEAR's Mac Adapter.

Features

- Use one keyboard, monitor and mouse to control four computers
- Share multimedia speakers among four computers
- 6' long molded-in cables to simplify setup
- Microsoft Intellimouse, Logitech FirstMouse+, MouseMan+, and most PS/2 mice are supported
- Port selection through convenient Hot Keys
- PS/2 mouse emulation for error-free boot-up
- Save space and reduce desktop clutter
- Plug-n-Play monitor support
- Support video resolutions up to 2048 x 1536
- No software required
- Built in AutoScan mode
- LEDs allow for easy status monitoring
- 3 Year Limited Warranty

RoHS Compliant

Function Diagram

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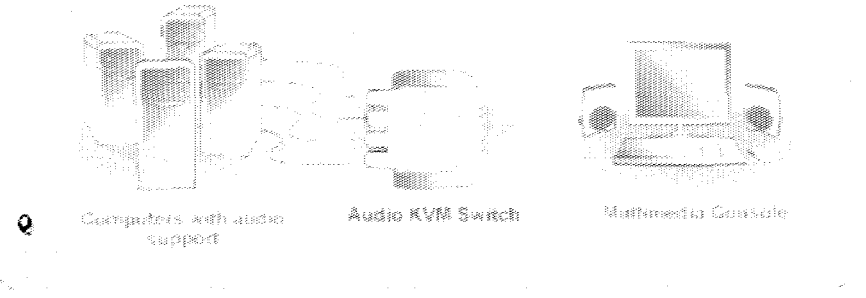
Related Products

MiniView™ Compact KVM Switch Kit w/Cables

MiniView™ SE KVM Switch Kit w/Cables


FUNCTIONS
Control 4 PS/2 computers from a single PS/2 keyboard, monitor and PS/2 mouse with audio support
Computers with audio support
Audio KVM Switch
Multimedia Console

Requirements

- Computers with PS/2 mouse connections, PS/2 keyboard connections, and HDDB15 VGA connection.
- To share audio, a multimedia sound card is required. Only support 2-piece, powered speakers systems.

Package Content

- 1 4-port Miniview Audio Micro KVM
- 1 User manual
- 1 Quick start guide
- 1 Warranty registration card

Specifications

Function	GCS614A
Port Selection	Hot Keys
Storage Temperature	-20 - 60° C
Operating Temperature	0-50° C
Scan Interval	5 Seconds
Video Resolution	2048 x 1536; DDC2B
Humidity	0-80% RH Non-condensing
CPU Connectors	
Mouse	4x 6 pin mini-DIN male (green)
Audio	4 x Earphone Plug (speaker)
Keyboard	4x 6 pin mini-DIN male (purple)
Monitor	4 x 6 HDB-15 male (blue)
****** Unit Dimensions**	
Width	2.83 in.(7.19 cm.)
Height	1.023 in.(2.6 cm.)
Length	3.523 in.(8.95 cm.)
Weight	

Unit Pack Wt.	1.5 lbs. (0.68 kg.)
Unit Wt.	1 lbs. (0.45 kg.)
Master Carton Wt.	16.06 Lbs. (7.3 kg.)
Housing	
Case	Plastic
Console Connectors	
Keyboard	1 x 6 pin mini-DIN female (purple)
Audio	1x Earphone Jack (speaker)
Mouse	1 x 6 pin mini-DIN female (green)
Monitor	1 x HDB-15 female (blue)
LEDs	
Selected	4
Computer Connections	
Direct	4
***** Unit Package Dimensions**	
Width	8 in. (20.32 cm.)
Depth	3.5 in. (8.89 cm.)
Height	10.75 in. (27.31 cm.)
*** Master Carton**	
Depth	17.25 in. (48.81 cm.)
Height	12.5 in. (31.75 cm.)
Width	11 in. (27.94 cm.)
* Master Carton Qty.	6

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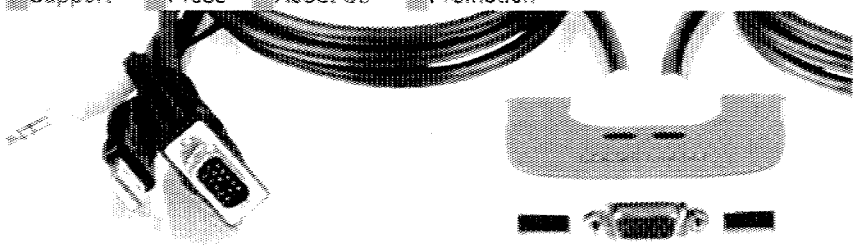

MiniView™ Micro USB PLUS KVM Switch (GCS632U)

2-Port USB PLUS KVM Switch with Built-in KVM Cables and Audio Support

MSRP: $69.95

Buy Now!

Product Information
- View All
- Description
- Function Diagram
- Features/Benefits
- Requirements
- Package Content
- Specifications
- Manual

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Model # GCS632U

Description

Introducing the two port MiniView™ Micro USB PLUS KVM switch from IOGEAR – the simplest way to simultaneously run and share audio among two computers with a single USB keyboard, monitor and USB mouse. This self-powered KVM switch features the unique USB sniffing technology for USB mouse and keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement® technology provides rich, 32-bit color at resolutions up to 2048 x 1536. Another big plus is the MiniView's capability to provide audio support, it allows you to share your multimedia speakers among the two connected computers. This switch also offers multi-platform support; it's compatible with Windows and Mac computers as well as Sun Solaris workstations. IOGEAR delivered a huge breakthrough in KVM operation to Mac and Sun users by enabling functionality for the special keys on these systems. When using a PC keyboard, a special set of hot keys are designed to emulate the special keys on Mac and Sun machines. With 6' long KVM cables molded into the MiniView Micro USB PLUS, all you need to do is to plug it into your computers and you've got a complete KVM solution from IOGEAR.

Features

- Use one USB keyboard, monitor and USB mouse to control two USB computers
- 6' long molded-in cables to simplify setup
- Share your multimedia speakers among the two connected computers
- Full support for Mac and Sun systems
- Supports special keys on Mac and Sun keyboards
- Port selection through convenient Hot Keys
- USB sniffing technology allows complete USB mouse and keyboard emulation for error-free boot-up
- Plug-n-Play monitor support
- Support video resolutions up to 2048 x 1536
- No software required
- Built in AutoScan mode
- LEDs allow for easy status monitoring
- 3 Year Limited Warranty

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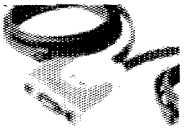
Related Products

MiniView™ USB KVMP Kit w/Cables

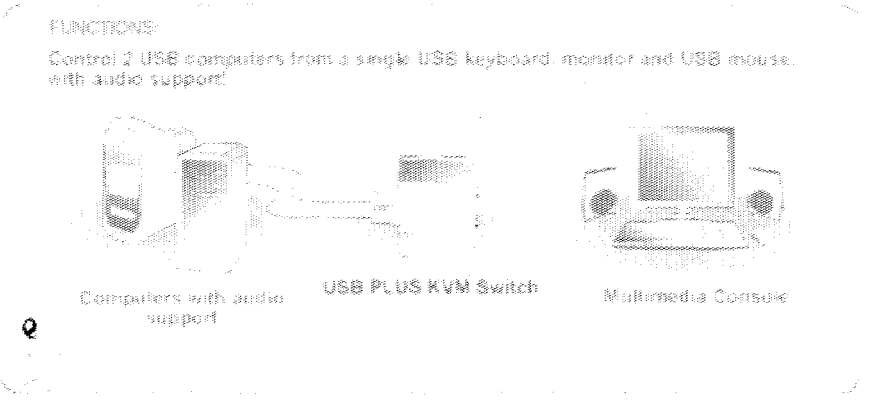
MiniView™ III USB KVMP Switch Kit w/Cables

Miniview Symphony Multi-function KVM Switch



MiniView™ Micro USB Audio KVM Switch

Function Diagram


FUNCTIONS:
Control 2 USB computers from a single USB keyboard, monitor and USB mouse, with audio support
Computers with audio support
USB PLUS KVM Switch
Multimedia Console

Requirements

- Computers with a USB connection and HDDB15 VGA connection
- Windows 98, 98SE, ME, 2000, XP
- Mac OS 8.6 or greater
- Sun Solaris work station
- Linux, UNIX and other USB supported systems*
- Audio: Only support 2-piece, powered speakers systems

*Additional drivers and support may be needed

Package Content

- 1 MiniView Micro USB PLUS 2 Port KVM Switch
- 1 User Manual
- 1 Quick Start Guide
- 1 Warranty Registration Card

Specifications

Function	GCS632U
Cable Length	6 ft. (1.83 m.)
CPU Connectors	
Monitor	2 x HDB15 Male
Keyboard & Mouse	2 x USB Type A
Audio	2 x stereo speaker
****** Unit Dimensions**	
Height	1"
Length	Two 6
Depth	2.25"
Weight	

Unit Wt. w/accessories	4 Lb
Unit Pack Wt.	1.3.lbs. (0.585 kg.)
Unit Wt	0.9 Lbs. (0.405 kg.)
Master Carton Wt.	16.5 Lbs. (7.425 kg.)
Console Connectors	
Mouse	1 x USB Type A
Monitor	1 x HDB15 Female
Audio	1 x stereo speaker
Keyboard	1 x USB Type A
***** Unit Package Dimensions**	
Width	6.5 in. (16.51 cm.)
Height	9.75 in. (24.765 cm.)
Depth	2.75 in. (6.985 cm.)
*** Master Carton**	
Width	13 in. (33.02 cm.)
Depth	17.5 in. (44.45 cm.)
* Master Carton Qty.	Master carton of 12, with 4 inner cases containing 3 in each case
Height	11 in. (27.94 cm.)
**** Inner Pack**	
Depth	10.25
Width	8.875
Height	6.875
* Inner Pack Qty.	3

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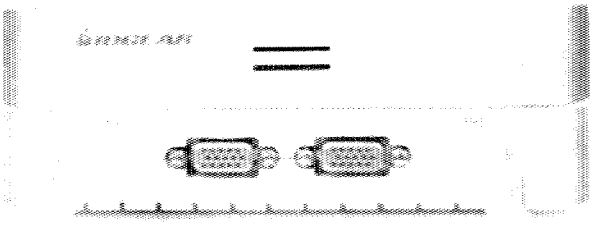
MiniView USB KVM Switch (GCS634U)

4-Port USB KVM Switch with Built-in KVM Cables and Audio Support



MSRP: $129.95

Buy Now!

Product Information

- View All
- Description
- Function Diagram
- Features/Benefits
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Print Version

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Model # GCS634U

Description

Introducing the four port MiniView Micro USB KVM switch from IOGEAR the simplest way to simultaneously run and share audio among four computers with a single USB keyboard, monitor and USB mouse.

This self-powered KVM switch features the unique USB sniffing technology for USB mouse and keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement technology provides rich, 32-bit color at resolutions up to 2048 x 1536.

Another big plus is the MiniView capability to provide audio support, it allows you to share your multimedia speakers among the connected computers.

This switch also offers multi-platform support; it compatible with Windows and Mac computers as well as Sun Solaris workstations. IOGEAR delivered a huge breakthrough in KVM operation to Mac and Sun users by enabling functionality for the special keys on these systems. When using a PC keyboard, a special set of hot keys are designed to emulate the special keys on Mac and Sun machines.

The Miniview Micro USB KVM has two 6' long KVM cables molded-in, all you need to do is to plug it into your computers and you'e got a complete KVM solution from IOGEAR. In addition, it has two other available ports to connect them to your computers for future expansion.

Features

- Control up to 4 computers from a single video, USB keyboard and USB mouse
- Expandable & extendable: two 6' molded-in cables, two detachable cables
- Full support for Mac, PC & Sun systems

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Related Products

MiniView™ USB KVMP Kit w/Cables

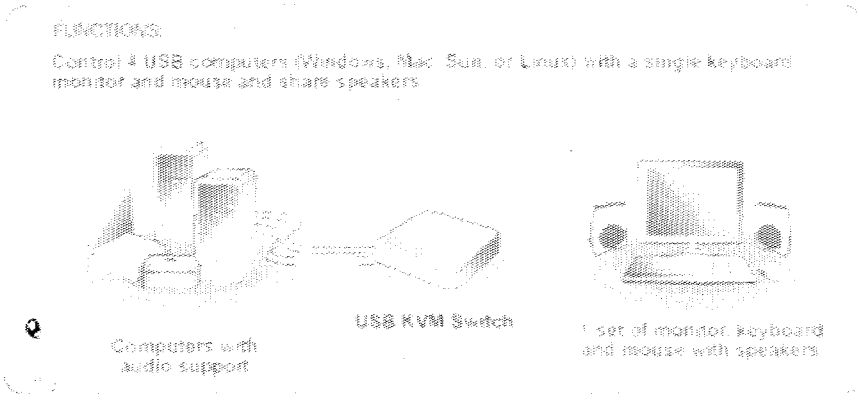
MiniView™ II USB KVM

MiniView™ III USB KVMP Switch Kit w/Cables

Miniview Symphony Multi-function 4-Port KVM Switch

- Supports Mac & Sun special keys
- Connect speakers to enjoy audio from any connected system
- Select system by tapping Hot Keys on keyboard
- Instant, error-free boot-up
- Plug-n-Play
- 2048 x 1536 video resolution support
- Requires no software
- Requires no external power

Function Diagram


FUNCTIONS:
Control 4 USB computers (Windows, Mac, Sun, or Linux) with a single keyboard monitor and mouse and share speakers
Computers with audio support
USB KVM Switch
1 set of monitor, keyboard and mouse with speakers

Requirements

- Computers with a USB connection and VGA connection
- Windows 98, 98SE, ME, 2000, XP
- Mac OS 8.6 or greater
- Sun Solaris work station
- Linux, UNIX and other USB supported systems*

*Additional drivers and support may be needed

- Audio: Requires powered speakers systems

Package Content

- 1 MiniView Micro USB KVM Switch
- 2 detachable KVM cables (6 feet)
- 1 User Manual
- 1 Quick Start Guide
- 1 Warranty Registration Card

Specifications

Function	GCS634U
Cable Length	6 ft. (1.83 m.)
CPU Connectors	
Keyboard & Mouse	2 x USB Type A

Keyboard, Mouse, and Monitor	2 x DB15 for detached cables
Monitor	2 x HDB15 Male
Audio	2 x stereo speaker
****** Unit Dimensions**	
Width	6.45 in
Height	1.25 in
Length	6.45 in
Weight	
Master Carton Wt.	11 lb
Unit Wt. w/accessories	1.5 lb
Unit Pack Wt.	3.4 lb
Unit Wt.	2.5 lb
Console Connectors	
Monitor	1 x HDB15 Female
Keyboard	1 x USB Type A
Audio	1 x stereo speaker
Mouse	1 x USB Type A
***** Unit Package Dimensions**	
Length	10.5 in
Height	3.8 in
Width	8.9 in
*** Master Carton**	
Height	10 in
Depth	12.25 in
Width	11 in
* Master Carton Qty.	3

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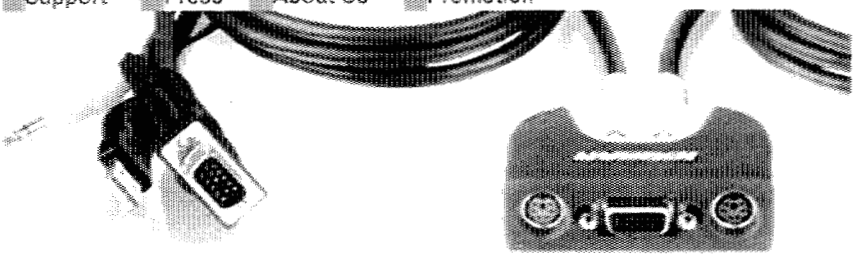
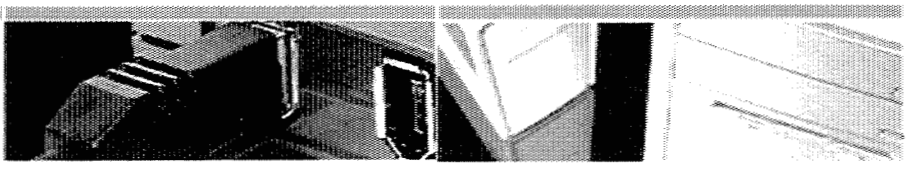


MiniView™ Micro USB Audio KVM Switch (GCS712U)

2-Port USB Audio KVM switch for PS/2 Keyboards/Mice w/6' Cables Built-in

MSRP: $59.95

Buy Now!



Product Information

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Model # GCS712U

Description

Introducing the two port MiniView™ Micro USB Audio KVM switch from IOGEAR – the simplest way to manage two PCs or Macs from a single PS/2 keyboard, monitor and PS/2 mouse and share the multimedia speakers among them. This self-powered KVM switch features mouse and keyboard emulation to ensure smooth operation, as well as support for Plug-n-Play monitors and most wheel mice. Our patented VSE Video Signal Enhancement® technology provides rich, 32-bit color at resolutions up to 2048 x 1536. With KVM cables (6' long) molded into the unit, all you need to do is to plug it into your computers, and you've got a complete KVM solution from IOGEAR.

Features

- The smallest 2-port KVM switch available with audio support
- Use one keyboard, monitor and mouse to control two computers
- Share multimedia speakers among two computers
- 6' long molded-in cables to simplify setup
- Support for Microsoft Intellimouse, Logitech FirstMouse+, MouseMan+, and most PS/2 mice
- Port selection through convenient Hot Keys
- PS/2 mouse emulation for error-free boot-up
- Saves space and reduces desktop clutter
- Plug-n-Play monitor support
- Supports video resolutions up to 2048 x 1536
- No software required
- Built in AutoScan mode
- LEDs allow for easy status monitoring
- 3 Year Limited Warranty

Function Diagram

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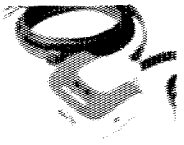
Related Products

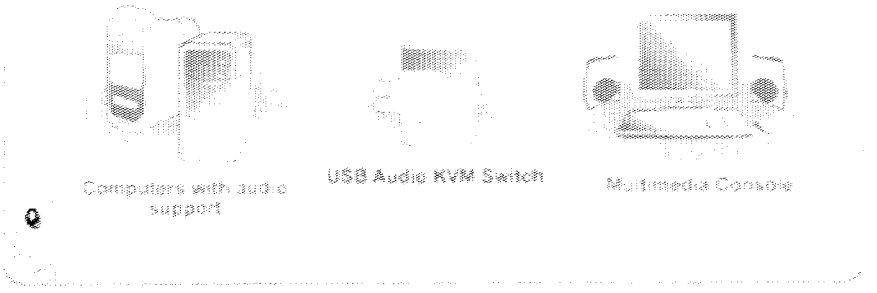
MiniView™ USB KVMP Kit w/Cables

MiniView™ III USB KVMP Switch Kit w/Cables

Miniview Symphony Multi-function KVM Switch



MiniView™ Micro USB PLUS KVM Switch


FUNCTIONS:
Control 2 USB computers from a single PS/2 keyboard, monitor and mouse, with audio support
Computers with audio support
USB Audio KVM Switch
Multimedia Console

Requirements

- Computers with USB connections, and HDDB15 VGA connection
- PS/2 Keyboard and mouse
- To share audio, a multimedia sound card is required. Only support 2-piece, powered speakers systems.

Package Content

- 1 2-port MiniView Audio Micro KVM
- 1 User manual
- 1 Quick start guide
- 1 Warranty registration card

Specifications

Function	GCS712U
Scan Interval	5 Seconds
Port Selection	Hot Keys
Storage Temperature	-20 - 60° C
Operating Temperature	0-50° C
Video Resolution	2048 x 1536; DDC2B
Humidity	0-80% RH Non-condensing
CPU Connectors	
Audio	2 x Earphone Plug (speaker)
Monitor	2 x 6 HDB-15 male (blue)
Keyboard & Mouse	2 x USB Type A
****** Unit Dimensions**	
Width	4.9 cm. (1.93 in.)
Height	2.5 cm. (0.98 in.)
Length	12.0 cm. (4.72 in.)
Weight	
Master Carton Wt.	16.5 Lb. (7.43 kg.)

Unit Pack Wt.	1.15 Lb. (0.52 kg.)
Unit Wt.	0.9 Lb. (0.41 kg.)
Housing	
Case	Plastic
Console Connectors	
Keyboard	1 x 6 pin mini-DIN female (purple)
Audio	1x Earphone Jack (speaker)
Mouse	1 x 6 pin mini-DIN female (green)
Monitor	1 x HDB-15 female (blue)
LEDs	
Selected	4
Computer Connections	
Direct	2
***** Unit Package Dimensions**	
Width	6 in. (15.24 cm.)
Height	9.6 in. (24.38 cm.)
Length	2.75 in. (6.99 cm.)
**** Master Carton***	
Width	13 in. (33.02 cm.)
Depth	17.5 in. (44.45 cm.)
Height	11 in. (27.94 cm.)
* Master Carton Qty.	12

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EXHIBIT 25

EXHIBIT 25-1

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 1

A switch comprising
a body;
a switching circuit contained within the body;

a set of connector ports electrically coupled to the switching circuit

a plurality of cables fixedly attached to and extending from the body, each cable in the plurality of cables having a plurality of connector plugs, wherein each connector plug in the plurality of connector plugs for one of the cables in the plurality of cables are matched a respective connector plug in another one of the cables in the plurality of cables, and wherein the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables.

EXHIBIT 25-2

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 12

The switch of claim 1, wherein the plurality of cables are fixedly attached to the body through a molded attachment element.

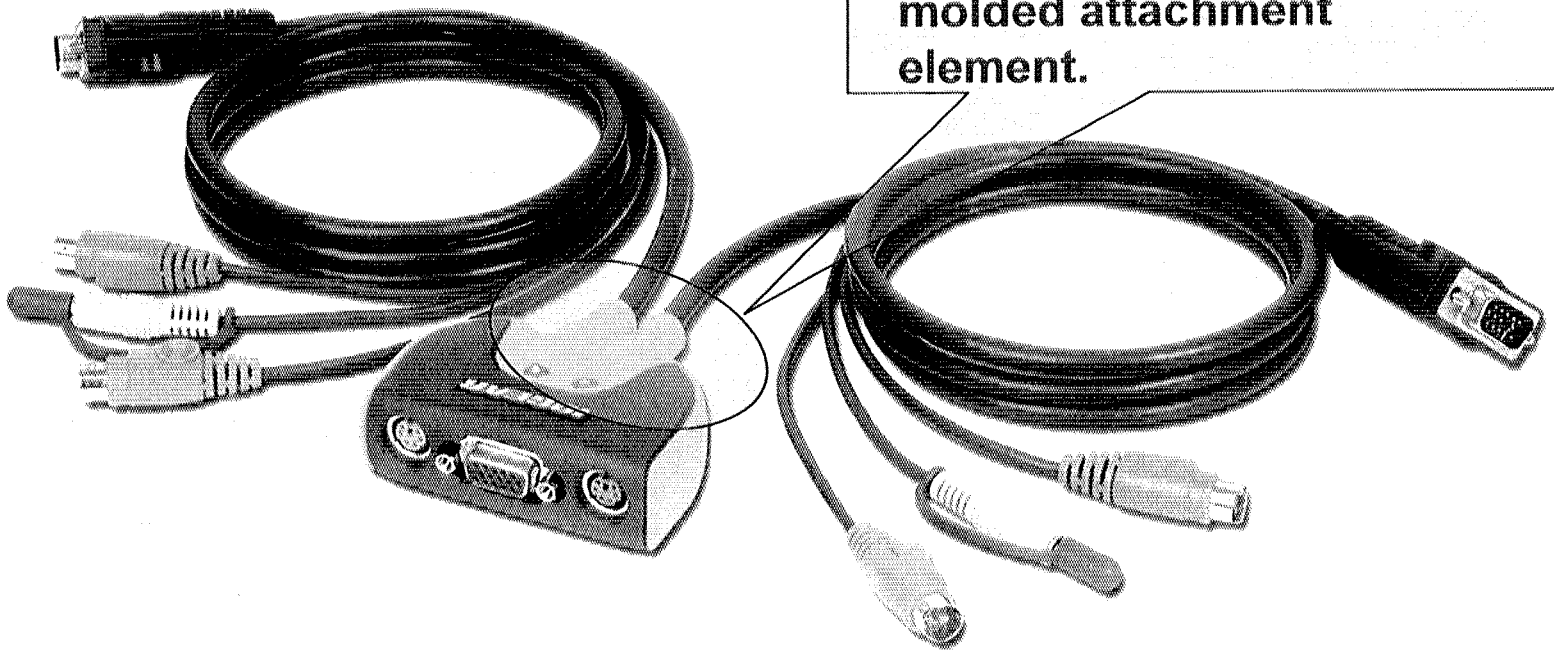


EXHIBIT 25-3

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 13

The switch of claim 1, wherein a first end of each of the plurality of cables is integrated into the body.

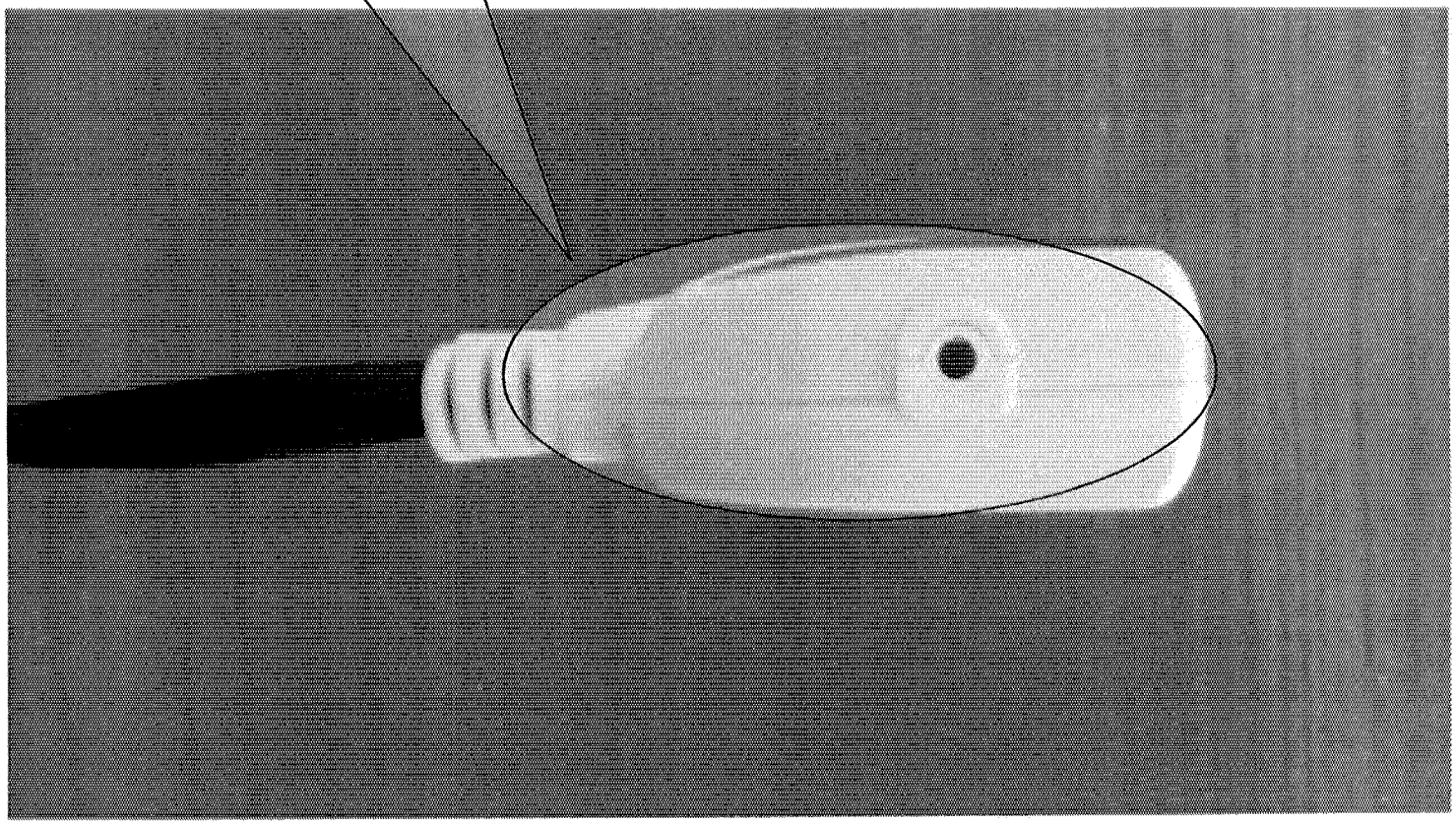


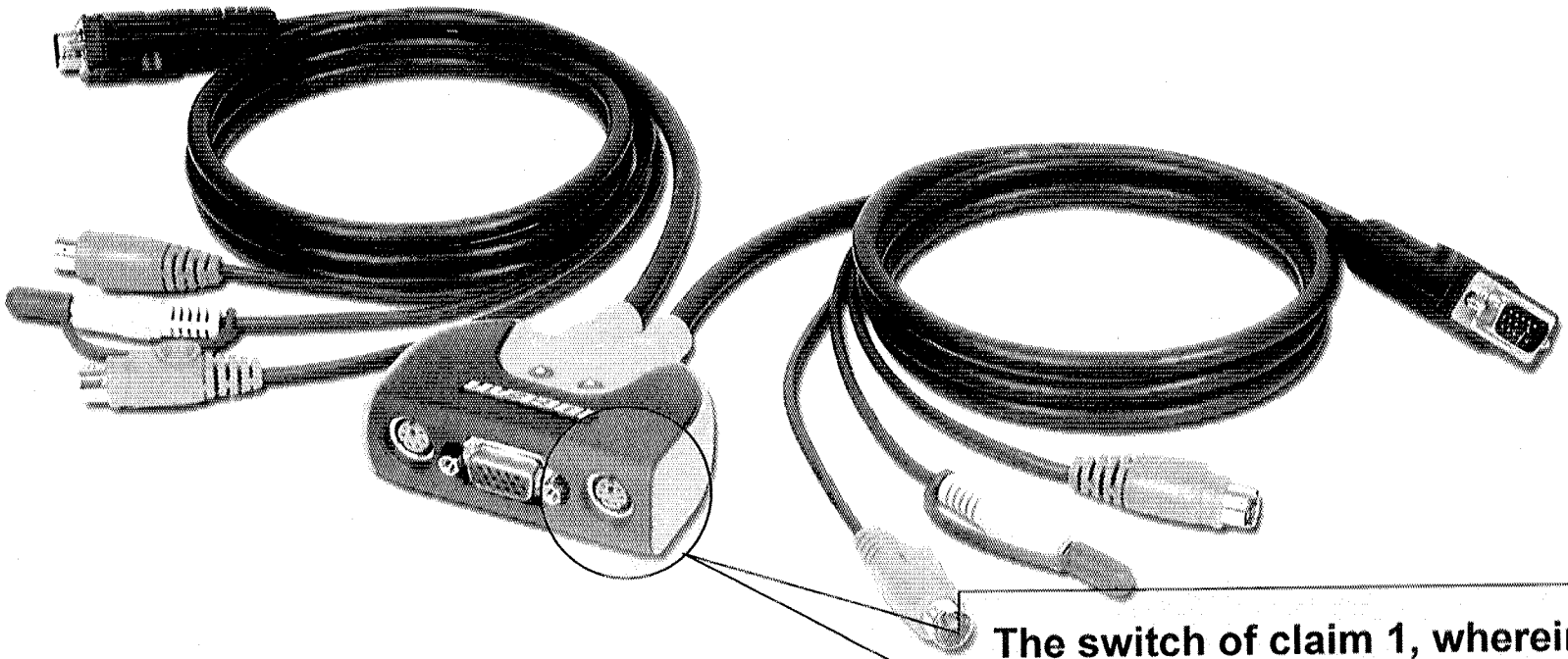
EXHIBIT 25-4

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 14

The switch of claim 1, wherein the set of connector ports contains a peripheral port to connect a computer peripheral

EXHIBIT 25-5

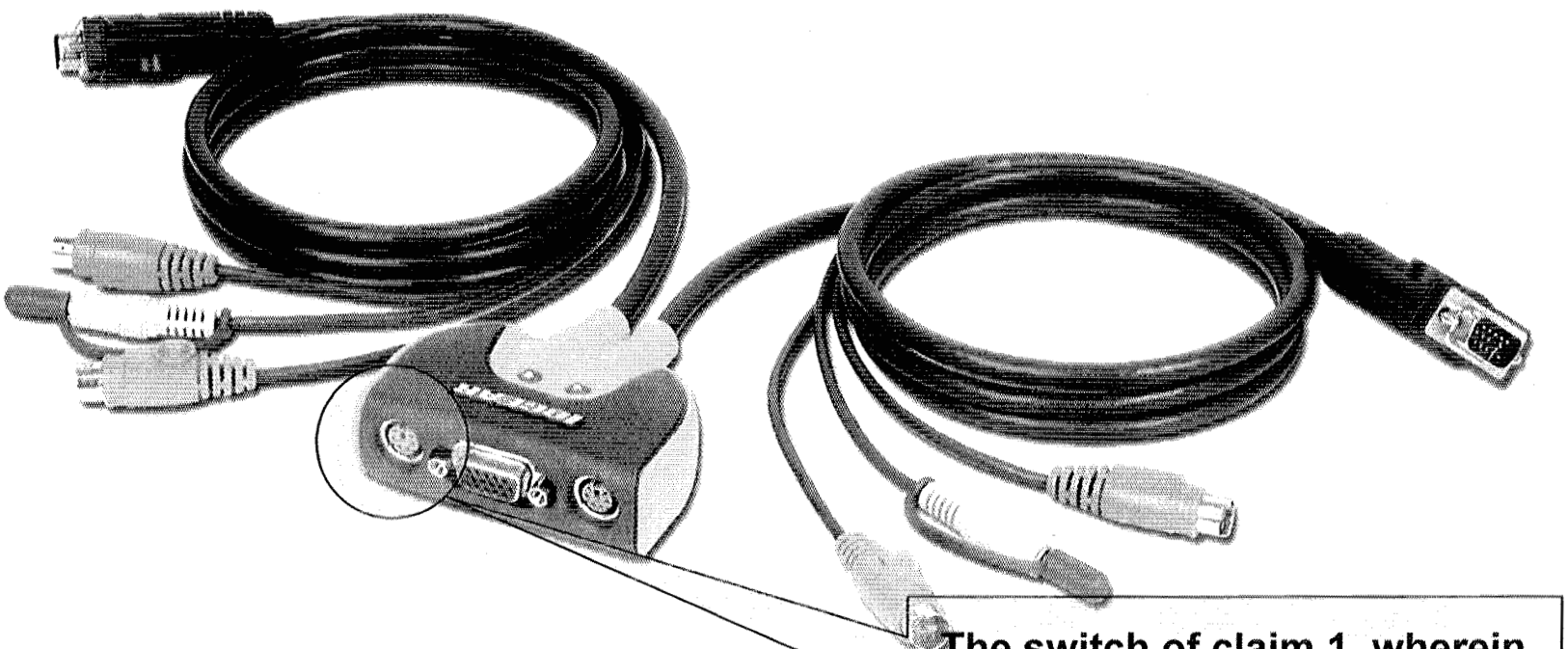
ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 15



The switch of claim 1, wherein the set of connector ports contains a keyboard port to connect a keyboard.

EXHIBIT 25-6

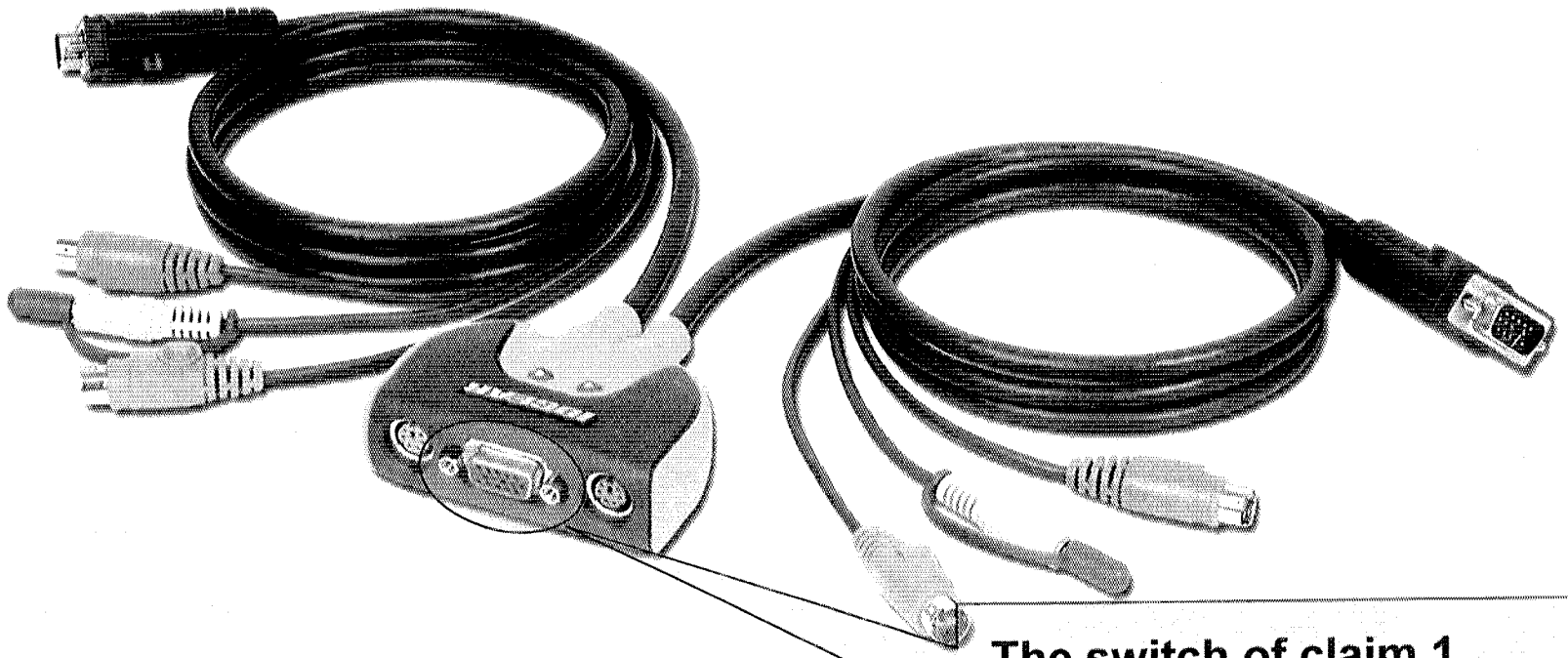
ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 16



The switch of claim 1, wherein the set of connector ports contains a mouse port to connect a mouse.

EXHIBIT 25-7

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 17



The switch of claim 1, wherein set of connector ports contains a video port to connect a display.

EXHIBIT 25-8

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 18

The switch of claim 1, wherein the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first computer.

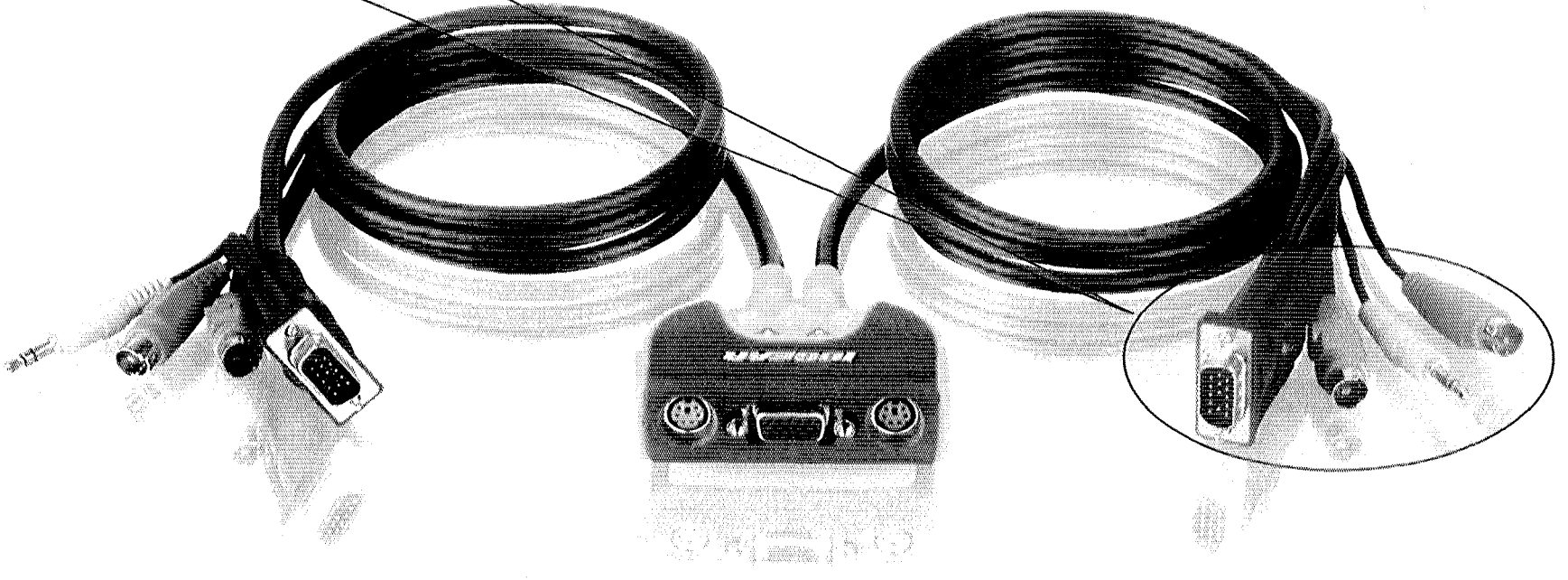


EXHIBIT 25-9

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 19

The switch of claim 18, wherein the first set of computer cables comprises:

a video cable including a display connector plug.

a mouse cable including a mouse connector plug; and,

a keyboard cable including a keyboard connector plug

EXHIBIT 25-10

ATEN IOGEAR MODEL GCS612A '112 PATENT CLAIM 20

The switch of claim 1, wherein the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer.

EXHIBIT 25-11a

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 21

A method comprising the steps of:

providing a body;

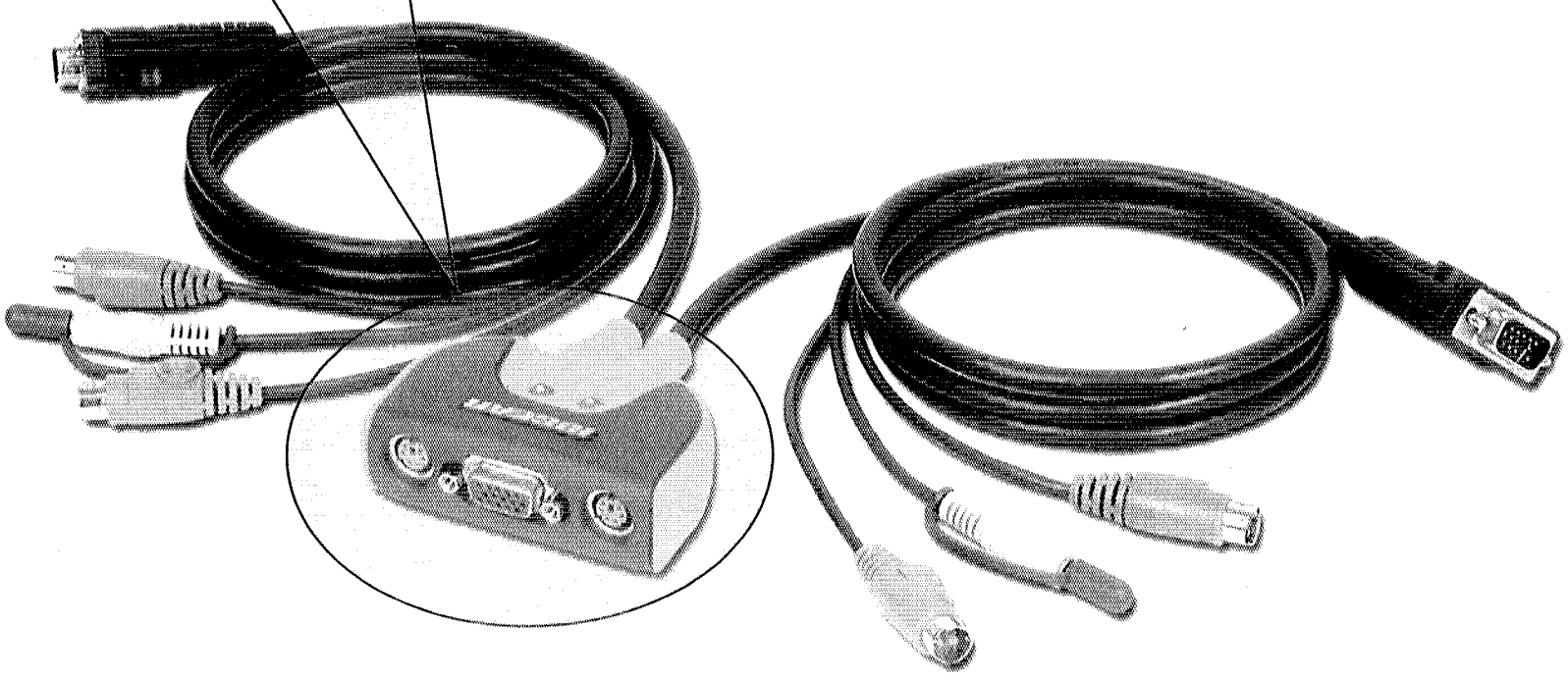


EXHIBIT 25-11b

ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 21

enclosing a switching circuit within the body

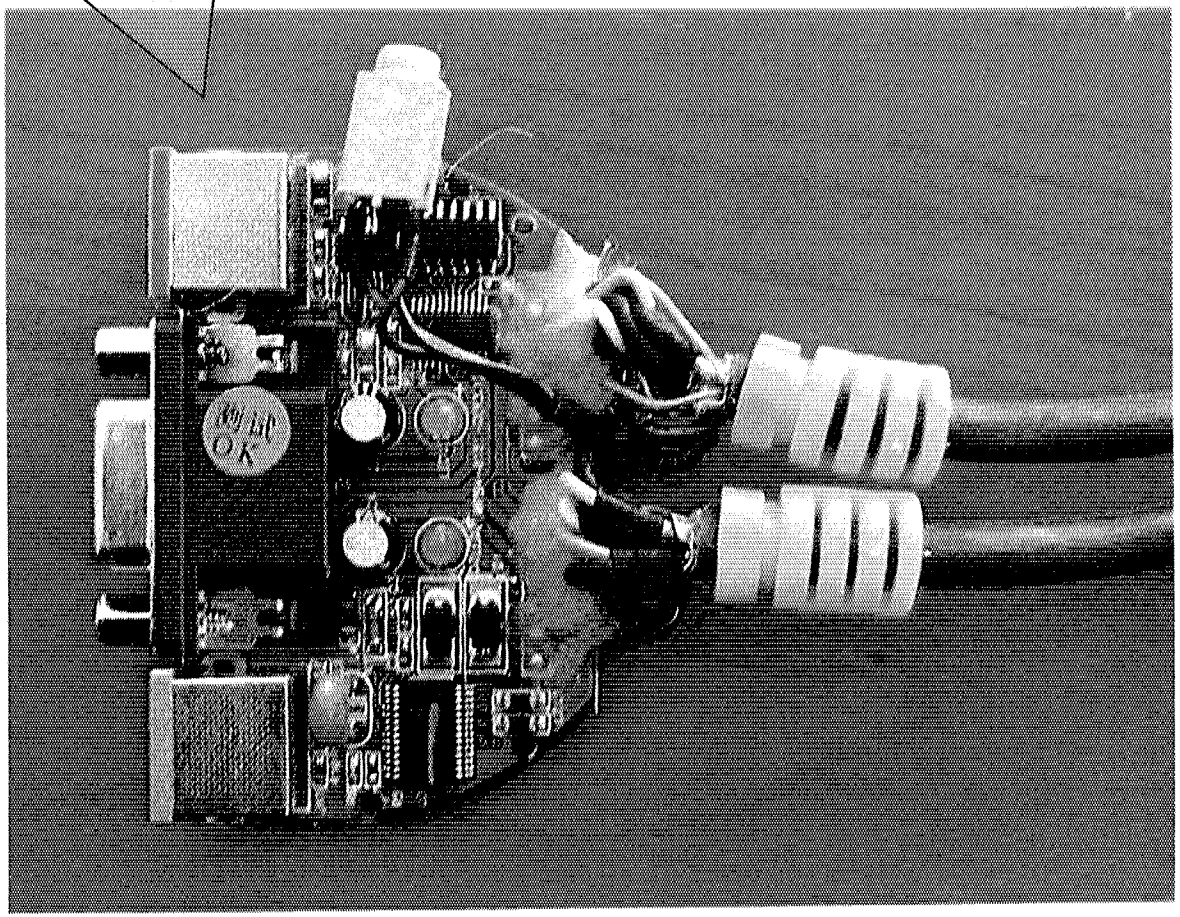
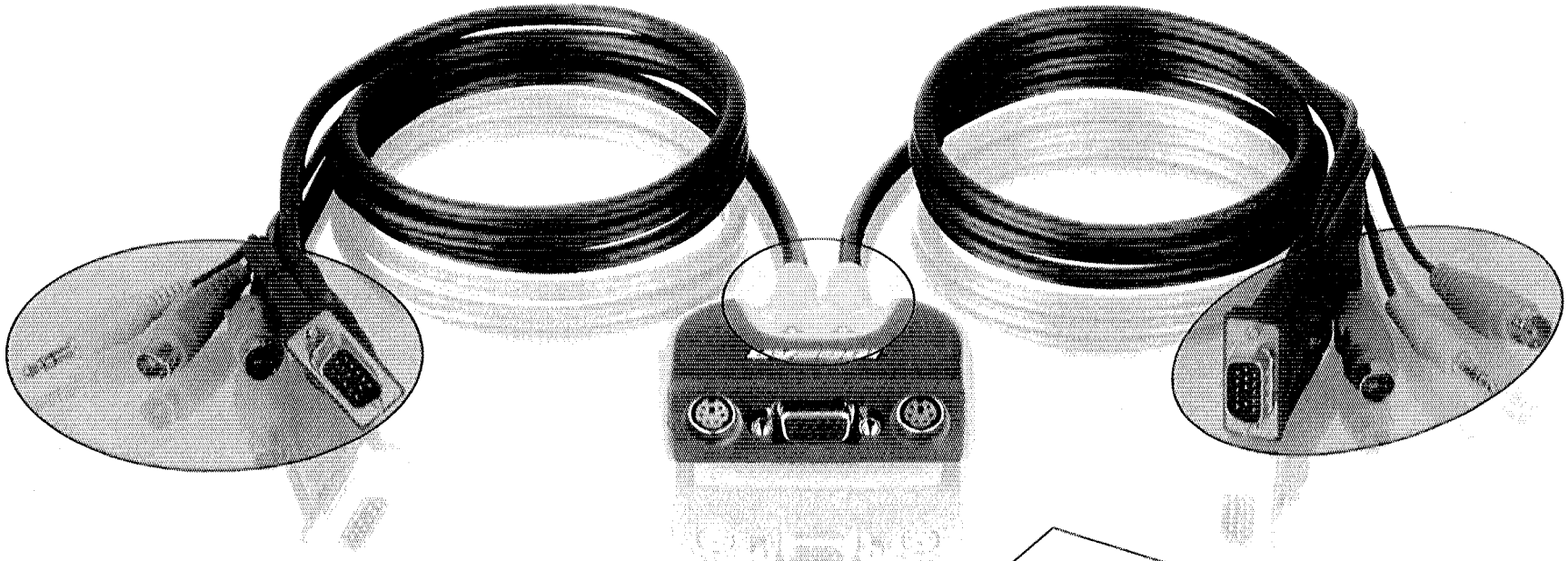


EXHIBIT 25-11c

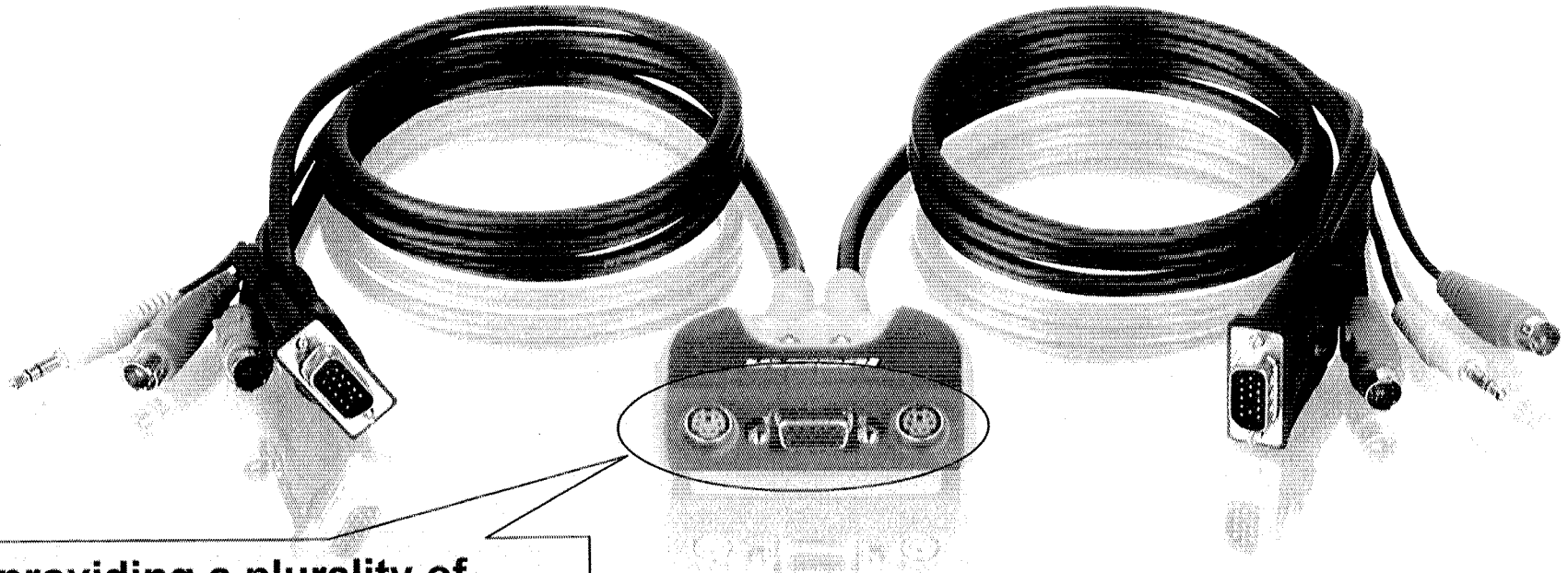
ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 21



integrating a first computer cable and a second computer cable into the body, each of the first computer cable and the second computer cable including a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs, each connector plug in the plurality of connector plugs in the first computer cable being matched to a corresponding one of the plurality of connector plugs in the second computer cable

EXHIBIT 25-11d

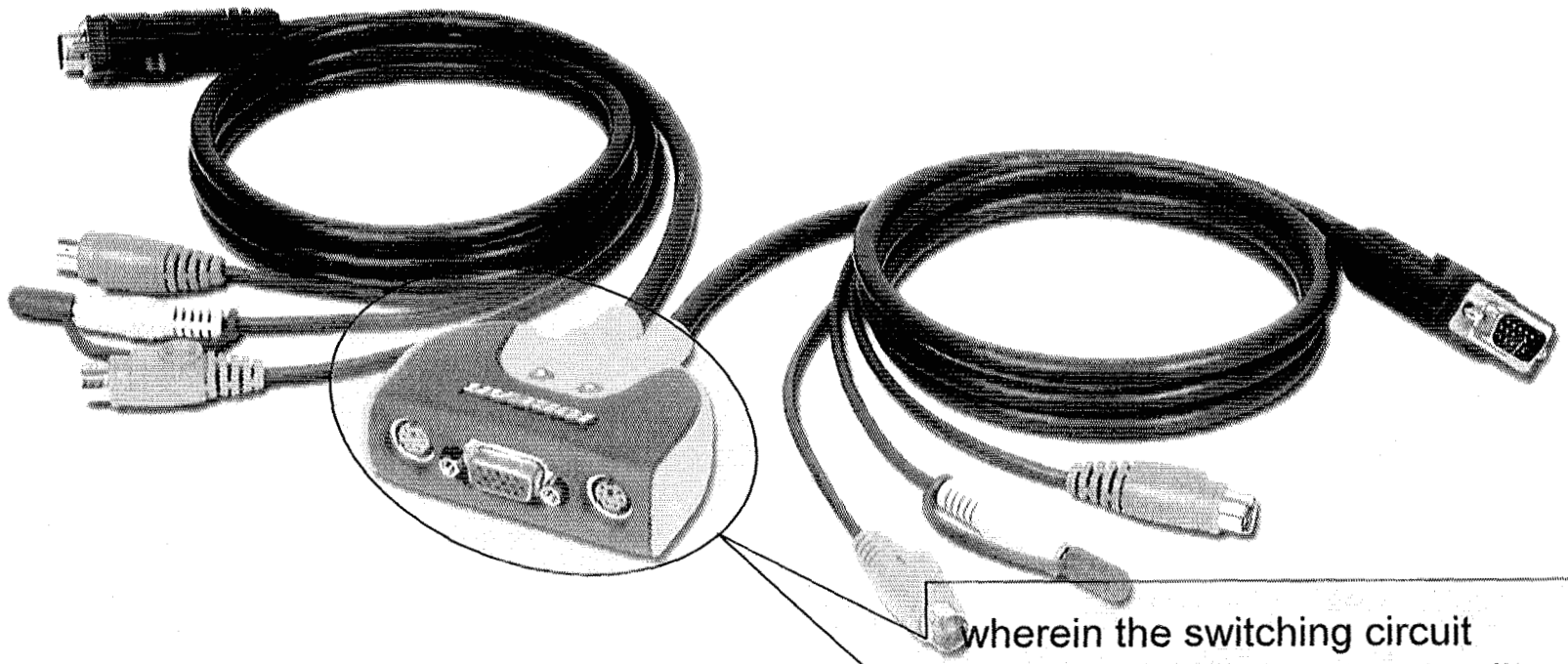
ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 21



providing a plurality of connector ports on a surface of the body, the plurality of connector ports electrically coupled to the switching circuit

EXHIBIT 25-11e

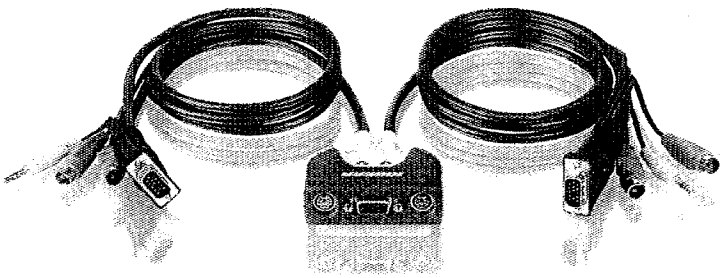
ATEN IOGEAR MODEL GCS612A
'112 PATENT CLAIM 21



wherein the switching circuit electrically switches the plurality of connector ports between the plurality of connector plugs of the first computer cable and the second computer cable

EXHIBIT 26

CLAIM CHART APPLYING
CLAIMS 1 AND 12-21 OF '112 PATENT TO IOGEAR's GCS612A PRODUCT

Claim Elements	Exemplary Product Features
1. A switch comprising;	The IOGEAR GCS612A Miniview Micro Audio is a switch. 
a body;	The IOGEAR GCS612A Miniview Micro Audio has a switch body. *See* Exhibit 25-1.
a switching circuit contained within the body;	The IOGEAR GCS612A Miniview Micro Audio has a switching circuit contained within the body.
a set of connector ports electrically coupled to the switching circuit; and,	The IOGEAR GCS612A Miniview Micro Audio has a set of connector plugs electrically coupled to the switching circuit in place of connector ports, serving the same function as connector ports. *See* Exhibit 25-1.
a plurality of cables fixedly attached to and extending from the body, each cable in the plurality of cables having a plurality of connector plugs, wherein each connector plug in the plurality of connector plugs for one of the cables in the plurality of cables are matched a respective connector plug in another one of the cables in the plurality of cables, and wherein the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables.	The IOGEAR GCS612A Miniview Micro Audio has a plurality of cables fixedly attached to and extending from the body. *See* Exhibit 25-1. In the IOGEAR GCS612A Miniview Micro Audio, each cable in the plurality of cables has a plurality of connector plugs, where each connector plug in the plurality of connector plugs for one of the cables in the plurality of cables are matched to a respective connector plug in another one of the cables in the plurality of cables. *See* Exhibit 25-1. In the IOGEAR GCS612A Miniview Micro Audio, the switching circuit switches to connect each of the set of connector ports to one of the plurality of cables. *See* Exhibit 25-1.
12. The switch of claim 1,	In the IOGEAR GCS612A Miniview Micro Audio, the

wherein the plurality of cables are fixedly attached to the body through a molded attachment element.	plurality of cables are fixedly attached to the body through a molded attachment element. *See* Exhibit 25-2.
13. The switch of claim 1, wherein a first end of each of the plurality of cables is integrated into the body.	In the IOGEAR GCS612A Miniview Micro Audio, a first end of each of the plurality of cables is integrated into the body. *See* Exhibit 25-3.
14. The switch of claim 1, wherein the set of connector ports contains a peripheral port to connect a computer peripheral	In the IOGEAR GCS612A Miniview Micro Audio, the set of connector ports contains a peripheral port to connect a computer peripheral such as a keyboard, mouse or video monitor. *See* Exhibit 25-4.
15. The switch of claim 1, wherein the set of connector ports contains a keyboard port to connect a keyboard.	In the IOGEAR GCS612A Miniview Micro Audio, the set of connector ports contains a keyboard port to connect a keyboard. *See* Exhibit 25-5.
16. The switch of claim 1, wherein the set of connector ports contains a mouse port to connect a mouse.	In the IOGEAR GCS612A Miniview Micro Audio, the set of connector ports contains a mouse port to connect a mouse. *See* Exhibit 25-6.
17. The switch of claim 1, wherein the set of connector ports contains a video port to connect a display.	In the IOGEAR GCS612A Miniview Micro Audio, the set of connector ports contains a video port to connect a display. *See* Exhibit 25-7.
18. The switch of claim 1, wherein the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first computer.	In the IOGEAR GCS612A Miniview Micro Audio, the plurality of cables includes a first set of computer cables for coupling the switching circuit to a first computer. *See* Exhibit 25-8.

19. The switch of claim 18, wherein the first set of computer cables comprises: a keyboard cable including a keyboard connector plug; a mouse cable including a mouse connector plug; and, a video cable including a display connector plug.	In the IOGEAR GCS612A Miniview Micro Audio, has a first set of cables comprising a keyboard cable including a keyboard connector plug, a mouse cable including a mouse connector plug, and a video cable including a display connector plug. *See* Exhibit 25-9.
20. The switch of claim 1, wherein the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer.	In the IOGEAR GCS612A Miniview Micro Audio, the plurality of cables includes a second set of computer cables for coupling the switching circuit to a second computer. *See* Exhibit 25-10.
21. A method comprising the steps of: providing a body;	The IOGEAR GCS612A Miniview Micro Audio provides a body. *See* Exhibit 25-11a.
enclosing a switching circuit within the body;	The IOGEAR GCS612A Miniview Micro Audio encloses a switching circuit within the body. *See* Exhibit 25-11b
integrating a first computer cable and a second computer cable into the body, each of the first computer cable and the second computer cable including a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs, each connector plug in the plurality of connector plugs in the first computer cable being matched to a corresponding one of the plurality of connector plugs in the second computer cable; and,	The IOGEAR GCS612A Miniview Micro Audio integrates a first computer cable and a second computer cable into the body. In the IOGEAR GCS612A Miniview Micro Audio, the first computer cable and the second computer cable include a first end electrically coupled to the switching circuit and a second end having a plurality of connector plugs. In the IOGEAR GCS612A Miniview Micro Audio, each connector plug in the plurality of connector plugs in the first computer cable is matched to a corresponding one of the plurality of connector plugs in the second computer cable. *See* Exhibit 25-11c.

providing a plurality of connector ports on a surface of the body, the plurality of connector ports electrically coupled to the switching circuit;	The IOGEAR GCS612A Miniview Micro Audio provides a plurality of connector plugs on a surface of the body, the plurality of connector plugs are electrically coupled to the switching circuit and perform the same function as connector ports. *See* Exhibit 25-11d.
wherein the switching circuit electrically switches the plurality of connector ports between the plurality of connector plugs of the first computer cable and the second computer cable.	In the IOGEAR GCS612A Miniview Micro Audio, the switching circuit electrically switches the plurality of connector plugs, performing the same function as connector ports, between the plurality of connector plugs of the first computer cable and the second computer cable. *See* Exhibit 25-11e.

CONFIDENTIAL

EXHIBIT 27

CONFIDENTIAL

EXHIBIT 28

EXHIBIT 29

IOGEAR IN THE NEWS!

THE WALL STREET JOURNAL.

"A KVM switch can really clean up your desk and make it easier for average user to work with more than one computer without spending a fortune. We can heartily recommend the Mini View Micro USB from IOGEAR."

Walter Mossberg, The Wall Street Journal, August 17, 2005

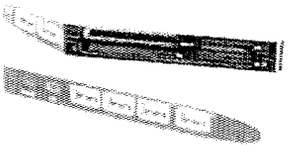
Om Malik's Broadband Blog

all about digital lifestyles, voip, and broadband

"What impressed me the most is that it worked flawlessly on my glass-top writing table. I have struggled with all different types of Mice on this surface, but not this time."

Om Malik, GigaOm.com, August 30, 2005

PC MAGAZINE



"The iPod-white IOGEAR USB 2.0 Hub & Card reader packs a lot of functionality into a slim device. The elegant and handy hub is fine for desktop use and light enough to take on the road"

PC Magazine, July 2005

ocregister.com

"Listeners on the other end tell me I sound as good as when I speak into the phone. Bonus: Links to a PC to use with Internet chat programs, like Skype and Yahoo Mesenger."

OC Register.com, May 16, 2005

Boston Herald.com

"It would be disingenuous to suggest I could even come close to testing a broad range of models. So I'll cut to the bottom line: IOGEAR makes first-rate products, so testing its switch was a natural choice."

- Boston Herald, August 22, 2005

The New York Times

"For computers that are becoming cramped for space, the extra gigabytes provided by the ION may help in another way, by giving the old hard drive a little breathing room for regular file storage after the backup chores are done."

J. D. Biersdorfer
New York Times, January 13, 2005

THE WALL STREET JOURNAL

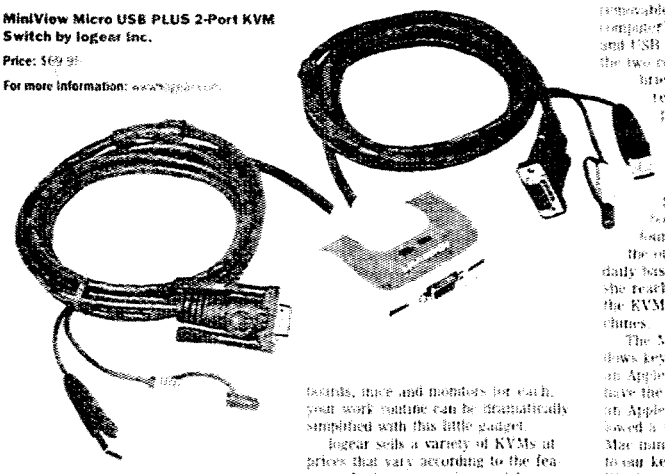
Date: August 17, 2005
Publication: The Wall Street Journal
Subject: MiniView Micro USB PLUS KVM Switch
Circulation: 2,106,774

The Mossberg Solution / *By Walter S. Mossberg*

PC and Mac, Joined at the Switch

Testing a Device That Lets Multiple Computers Share Keyboard, Monitor, Mouse

MiniView Micro USB PLUS 2-Port KVM Switch by logear Inc.
Price: $69.95
For more information: www.logear.com



As personal computers become more affordable, consumers are finding it financially feasible to use two or more PC's side by side. This allows for more flexibility, such as storing memory-gobbling music and digital photos on one desktop while using the other for everyday tasks like email and word processing.

Some people might want to keep sensitive, work-related documents on one machine. Devote another for the kids to use, fearing viruses and spyware. More and more folks are keeping their sensitive files on one PC that isn't connected to the Internet, and using a second, connected PC for online tasks.

And thanks to **Apple Computer**'s $499 Mac mini computer, many curious Windows users and long-time Mac owners alike have purchased the company's most inexpensive computer as a companion to a main PC.

But these added computers extract hidden costs, beyond the price of the extra PC itself. They normally require their own monitor, keyboard, mouse and speakers, and they can double the desktop space devoted to computing—space not every home has to spare.

There is a creative solution to this problem. It's technically possible to run two or more computers—even mixed combos of Windows and Macintosh machines—using a single, shared monitor, mouse, keyboard and speaker set. But until recently, only techie geeks and office information-technology departments were familiar with the gadget that allows such sharing: a KVM switch.

KVM is an acronym for Keyboard, Video and Mouse—the three basic things that can be shared when a KVM switch is used to connect computers. In recent years, KVMs have become less expensive and easier to set up, making them more popular among everyday people. A simple KVM is a small, often boxy-shaped device with cables running to it directly from the keyboard, mouse and monitor, and then out from the KVM to each computer.

To switch from one computer to the other, you either press a button on the KVM or use "Hotkeys"—shortcut strokes on your computer keyboard. A few seconds after the switch button is pressed, your monitor displays the desktop of currently opened programs on the other computer without stopping the activity of the first computer. For example, if you had just started downloading something on one computer, you can switch to the second computer while waiting for that to finish.

This week, my assistant Katie Barnett and I tested a pretty basic KVM switch sold by logear Inc., a popular KVM maker from Southern California. Other companies, including **Belkin** and **Avocent**, make KVMs, but they all work in the same general manner.

Katie uses an old, bulky, costly KVM to switch between two computers in her office every day, so she was anxious to see what one of the newer, smaller and less-expensive KVMs had to offer.

We tested logear's $69.95 MiniView Micro USB PLUS 2-Port KVM Switch in two situations: between two Windows PCs and between a Windows PC and Apple's Mac mini. The Mac mini is a perfect candidate for a KVM because it doesn't come with a monitor, mouse, keyboard or speakers. The logear MiniView that we tested also is designed to work with Linux and Sun Solaris computers, as well as between two Apple computers, though we didn't test these scenarios.

Katie and I found the MiniView Micro easy to set up and very simple to use, and we were jumping back and forth between desktops shortly after removing the KVM from its packaging. If you have more than one computer set up in the same desk area, and you're still using different keyboards, mice and monitors for each, your work routine can be dramatically simplified with this little gadget.

logear sells a variety of KVMs at prices that vary according to the features. Its least-expensive model goes for about $40, while the most expensive KVM, which can handle eight computers, costs $449. KVMs that connect to a keyboard and mouse using older "PS/2" connectors cost less than those that connect using newer USB ports. If you would like your KVM to control audio for each computer, which ours did, that also ups the price.

Next month, logear will introduce KVM switches with faster USB 2.0 ports that will cost $250 and $350 for two- and four-port devices, respectively. Currently, all of logear's USB-compliant KVMs use USB 1.1 connections, which are much slower.

On logear's Web site, www.logear.com, a handy KVM wizard program walks you through the various types of computers and add-ons that you use, recommending the best KVM for you.

In our test, the setup for both combinations of computers was the same. We attached our monitor, speakers, USB keyboard and USB mouse directly to the KVM, then used the permanently attached cables (some KVMs come with removable cables) to hook into each computer's ports for monitor, speaker and USB connection. We then turned the two computers on and waited for a brief second while the monitor resolution adjusted before displaying the screen of our currently used computer.

Our MiniView KVM switched between machines when we simply pressed the Scroll Lock key on the keyboard two times in a row. Katie found this to be a bit simpler than the older KVM that she uses on a daily basis, because hers requires that she reach over and press a button on the KVM box to switch between machines.

The Mac mini worked with our Windows keyboard even though it wasn't an Apple keyboard, meaning it didn't have the Apple and Option keys like on an Apple computer's keyboard. We followed a simple setup included in the Mac mini to help the computer adjust to our keyboard, and it just used the Windows keys as Apple keys, and Alt instead of Option. You can further adjust keyboard settings in the Mac mini's system preferences.

A KVM that includes audio control, as ours did, is also a plus. With our version, music playing on one PC was automatically silenced when we switched to view the other PC. Other models allow you to choose whether to keep playing the audio when you switch.

A KVM switch can really clean up your desk and make it easier for average users to work with more than one computer without spending a fortune. If you're a good candidate for this product, we can heartily recommend the MiniView Micro USB from logear, but be sure to find the KVM that best fits your computers and other add-ons.

With reporting by Katherine Boehret

Email to at Mossberg@wsj.com

IOGEAR

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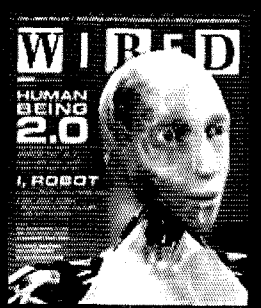

Special Offer:
Subscribe - save over 50% and get a FREE Gift!

logear MiniView Micro USB PLUS KVM Switch

[RETAIL: $100]

I'm in love with the logear keyboard/video/mouse switch for its desktop-doubling utility. My PC and Mac used to run their own keyboards, mouses, and 17-inch *monitors. Thanks to the MiniView, they've learned to share.* Now, when the boss turns the corner during frag time on my PC, I enter a keystroke and my monitor and controllers switch back to the Mac (which is running office-approved software). Usually, such switchers diminish visual quality or cost a ton in cabling. The MiniView's permanent VGA cables make sure neither happens. Support for two computers is good, but, a true geek, I sometimes juggle three or four. I hope MiniView's next rev can handle that many. -- **Brian Lam**

[RATING: 9/10] [logear.com **]**

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Press Release Source: IOGEAR

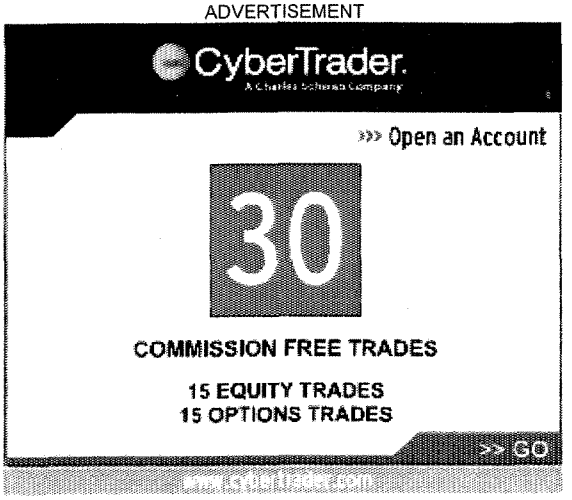
IOGEAR Takes Computer Sharing to the Extreme

Monday November 24, 12:50 pm ET

Launches Multimedia KVM Switch That Allows USB Peripheral Sharing

IRVINE, Calif., Nov. 24 /PRNewswire/ -- IOGEAR, the mobile connectivity and peripheral specialist, has introduced its MiniView Extreme Multimedia KVMP (Keyboard, Video, Mouse, Peripheral) Switch. Users can control up to four USB or PS/2 computers with a single keyboard, monitor and mouse, while sharing speakers, a microphone and other USB peripherals.

ADVERTISEMENT



The MiniView Extreme Multimedia KVMP Switch brings an added bonus to traditional KVM switches by offering USB peripheral sharing capabilities. Users can save space and money by eliminating the need for multiple keyboards, monitors and mice, as well as peripheral devices such as printers, scanners and external drives. Up to four computers can access all connected USB peripherals using Hot Keys.

IOGEAR has made cross-platform management simple by joining USB and KVM technologies. For example, a single USB console can control a PC, Mac or a Sun workstation, and share peripherals and audio devices between the computers. Such functionality is particularly valuable to multi-platform users including graphic artists, systems repair personnel and Webmasters. IOGEAR is the only manufacturer to offer this type of KVM to personnel working in small offices running different types of servers and workstations. The unit allows PC keyboards to simulate Mac and Sun multimedia functions through Hot Keys. All USB-enabled computer users can benefit from the efficiency, affordability and convenience of sharing devices. The 2-port MiniView Extreme Multimedia KVMP Switch is priced at $129.95 (MSRP), while the 4-port is priced at $179.95 (MSRP). Both include high-quality bonded KVM cables and are available immediately from all major catalog resellers, online resellers and selected retail outlets.

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"People are purchasing faster computer systems with enhanced functions every day. Often consumers don't know what to do with their old computers," said Miranda Su, vice president of sales and marketing at IOGEAR, Inc. "With IOGEAR's MiniView Extreme, users can access their older computer to save files, pictures or music and rely on their faster, newer computer to surf the Internet, play games or burn CDs -- all of this using a single keyboard, monitor, mouse and shared peripherals."

IOGEAR's MiniView Extreme Multimedia KVMP Switch functions on Microsoft Windows 98/98SE/ME/2000/XP, Mac OS 8.6 or higher and Sun Solaris workstations. The product comes with IOGEAR's standard three-year warranty.

For further information on the company and its connectivity solutions, please visit www.iogear.com.

About IOGEAR

IOGEAR, Inc., headquartered in Irvine, CA, is a leading connectivity and peripheral manufacturer that provides complete KVM (Keyboard, Video, Mouse), FireWire, USB (Universal Serial Bus) 1.1 / 2.0, Bluetooth, HomePlug and Wi-Fi solutions, targeting home users, mobile users and small to medium sized businesses.

IOGEAR's compact desktop KVM products enable users to access multiple computers through one console, while its extensive line of USB and FireWire connectivity products allow peripherals to be easily attached. The company's Bluetooth, HomePlug and Wi-Fi product lines provide users with the most advanced industry solutions currently on the market. IOGEAR has consistently provided products that incorporate innovative technology, providing the end user with outstanding functionality and capability. As one of the only true manufacturers in the industry, IOGEAR has the ability to offer high quality products with the service and support hardware consumers demand. The company distributes products throughout North and South America, Europe, Asia-Pacific and the Middle East. For further information, please visit www.iogear.com.

IOGEAR University is an online resource developed for consumers to grow and expand their knowledge of IOGEAR's KVM, FireWire, USB 1.1, USB 2.0 and other peripheral technologies. For further information, please visit http://iu.iogear.com.

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Keyboard, Video and Mouse Switch

STAFF -- *ECN*, 9/1/2002

IOGEAR has launched what is said to be the world's smallest KVM (Keyboard, Video, Mouse) switch, MiniView Micro. The compact switch measures 2.5"× 2.25"× 0.875", the equivalent of a deck of cards, and weighs a mere 0.75 lbs. Users can control two computers from a single console, providing easy access to multiple computers without a costly network setup. MiniView Micro also eliminates the expense of purchasing two sets of keyboards, mice and monitors by allowing a single switch to manage two computers simultaneously. The product works on most hardware platforms with the majority of operating systems. MiniView Micro (GCS62) is priced at $49.95. MiniView Micro comes with a built-in 6' KVM cable set to simplify the software-free installation. Users can conveniently operate the switch with HotKey combinations from the keyboard. It comes equipped with hot swapping capabilities and keyboard and mouse emulation for error-free booting. MiniView Micro is backed by IOGEAR's three-year limited warranty. For further information on IOGEAR products, please visit **IOGEAR, Inc.**, 23 Hubble Dr., Irvine, CA 92618; (866) 946-4327); Fax: (949) 453-8785; sales@iogear.com; www.iogear.com.

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Iogear Unveils Two-Port Keyboard Video Mouse For Macs

January 7, 2003 (6:14 p.m. EST)
TechWeb News

Iogear Inc. has unveiled a device that simplifies the task of operating two or more Macintosh systems from one keyboard, mouse, and monitor.

The two-port Keyboard Video Mouse (KVM) switch, introduced at Macworld Expo in San Francisco, works with systems that support the Apple Display Connector.

ADC is a peripheral connector from Apple that combines digital video display, USB, and power in one cable. The technology is meant to reduce wire clutter to the desktop.

The Iogear switch requires no installation, other than plugging in the ADC cable, and includes a push button for moving between systems. The device targets people looking to conserve space within a home or small office and is available now through computer equipment retailers.

Iogear's headquarters are in Irvine, Calif.

Adv

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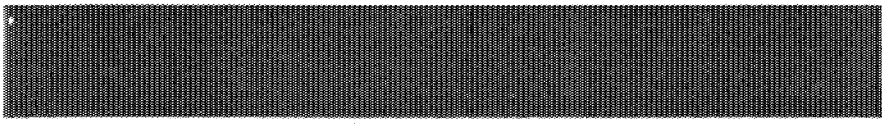

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IOGEAR Adds New KVMP Switch

Posted Aug 30, 2005

Consumers are now able to create and run a network of three or more computers from a single keyboard, mouse, and monitor at accelerated USB 2 transfer speeds with IOGEAR's new USB 2 MiniView Symphony Multi-Function KVMP Switch.

The product includes a built-in Ethernet 10/100 switch, which allows computers to network and share Internet connections. Users can connect up to three workstations to a two-port--and five to a four-port--KVMP switch, enabling communication between multiple computers. The audio ports on the product allow consumers to connect one set of speakers and a microphone and share them among all units. The USB 2 ports provide data transfer speeds of up to 480Mbps, according to IOGEAR.

In addition, users can alternate between various systems without interrupting audio or peripherals plugged into the USB 2 ports with the product's independent switching feature. For example, a user can initiate a music or movie file download on one computer and shift to another system without interrupting the file download.

IOGEAR's MiniView Symphony KVMP Switch is priced at $249.95 (two-port) and $349.95 (four-port) and is available immediately from major catalog resellers, online resellers, and selected retail outlets. The product comes with IOGEAR's standard three-year warranty.

The MiniView Symphony KVMP Switch is hot pluggable, fully compliant with USB 2 specifications, and compatible with PC, Mac, and Sun operating platforms.

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November 25th, 2003

[1:00 PM CST] IOGEAR Now Shipping MiniView Extreme KVM by Staff

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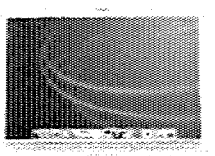
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IOGEAR is now shipping the MiniView Extreme Multimedia KVMP. The MiniView Extreme Multimedia KVMP is a switch device designed for controlling multiple computers simultaneously from a single console, bypassing network setups. The switch features speaker sharing and features hot swap support. According to IOGEAR:

> IOGEAR, the mobile connectivity and peripheral specialist, has introduced its MiniView Extreme Multimedia KVMP (Keyboard, Video, Mouse, Peripheral) Switch. Users can control up to four USB or PS/2 computers with a single keyboard, monitor and mouse, while sharing speakers, a microphone and other USB peripherals.
>
> The MiniView Extreme Multimedia KVMP Switch brings an added bonus to traditional KVM switches by offering USB peripheral sharing capabilities. Users can save space and money by eliminating the need for multiple keyboards, monitors and mice, as well as peripheral devices such as printers, scanners and external drives. Up to four computers can access all connected USB peripherals using Hot Keys.

You can find more information about the MiniView Extreme Multimedia KVMI IOGEAR Web site. The MiniView Extreme Multimedia KVMP 2-port is availat US$129.95, and the 4-port config retails for US$179.95.

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